Lancaster Farming

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NEMA urges flock size cut

DURHAM, N.H. — The Northeast Egg Marketing Association is calling on egg producers to participate in a four-point summer program designed to cut the national flock size by 15 million birds over the next three months.

The NEMA Board of Directors termed the requested action a "countrywide attack on the economic problems that have beset egg producers for many months."

Following a discussion of a number of proposals that have been put forth by industry leaders to bring about economic recovery among egg producers, the NEMA directors outlined four suggested steps to reduce the national flock size.

–Sell fowl four weeks earlier than originally scheduled in June, July and August.

–If a producer follows a molting program, molt birds four weeks earlier than normally scheduled in June, July and August.

–In making plans for future flock size, reduce bird density by seven and one-half per cent.

–Join other producers in a call for a zero hatch for 30 days.

Each of the regional areas of United Egg Producers, such as the Northeast Egg Marketing Association, will circulate a letter to members inviting voluntary support and participation of one or all of the steps outlined in the four-point program designed to trim the national flock size.

UEP will also exert efforts to stimulate participation among membership.

Commenting on the four-point program, NEMA president, John Ricca, of Billerica, Mass., said:

"Some producers have moved old birds and have trimmed flock size, but it will take this extra drive to hit 15 million less layers and put us back in the black."

Also, it was announced that at the next regular meeting of the NEMA Board on June 18 at Portland, Me., Maurice Pickler, of National Egg Company, will present a study outlining the stability and improvement that the egg industry can reasonably anticipate if producers cooperate in the four-point program and reduce the national flock size.

Milk marketing and the current milk glut were key topics at NEDCO's meeting in Berks County Wednesday evening. Looking over a fact sheet are Jim Beaver, left, and Ralph Smith, right, for NEDCO and Bill Moore, secretary, Cleona Milk Producers' Co-op. See story on A34.

Don't get caught on the tail end...

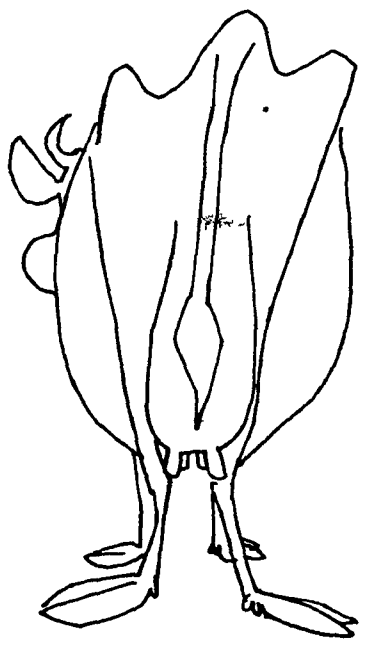
LANCASTER — If you're running a little "behind" in your reading, you may want to schedule ahead to save reading time for next week's dairy issue so you don't get caught in the "tail end" of the news.

Our special issue will be jammed full of dairy pleasers: features, how-to's, news, meetings, recipes, and opportunities to win money!

Cooks can share their favorite dairy recipe throughout the month of June. One recipe is the price for a **Lancaster Farming** thank you gift.

If you're always trying to make a little money, entry our dairy photo contest. The contest will continue until Friday, June 26.

To qualify, the photograph must have dairy livestock in it. It must have been taken by an amateur photographer - anyone who doesn't practice photography in their line of employment. Also, livestock photos taken for you by a professional photographer are ineligible.



The three categories of competition are:

Posed - any photo showing

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Dobrosky interns at 'Farming'

LITITZ — Robert G. Campbell, publisher of **Lancaster Farming**, announces the appointment of Laurie Dobrosky to the position of summer intern. Laurie is a sophomore at Penn State majoring in Animal Production and Communications.

At Penn State, Laurie is a member of the school yearbook staff and the Block and Bridle club. She was assistant publicity manger for this year's Little International and helped with the sausage sale. Laurie showed a Polled Hereford heifer in the Little "I" and was named reserve champion Hereford fitter. She will be serving as the club's alternate representative to the Ag Student Council this year.

She also has been recently appointed to a committee to help with the revisions on the school newspaper, "Ag Hill Action".

Laurie owns her own flock of purebred Dorset sheep. In addition to her sheep she also owns a purebred Border Collie. Laurie says she is trying to scale down the size of her flock since she is away at college. She is retaining most of the better ewes to use as a foundation.

Laurie is active in the York Co. Sheep Producers Association. Last year she helped out with their first annual sale and both years sold sheep in the sale. She also helped with the Cumberland County Wool Pool for three years. In addition, she is one of the assistant Pa. Cattlemen's Queens.

Laurie's hobbies include: raising sheep, crewel, quilling, furniture refinishing, and acting.

Laurie is the daughter of Anthony and Patricia Dobrosky. Tony is the agriculture extension agent in York County. They live on a farm outside of Glen Rock.

Laurie was an active 4-H member for 11 years. She achieved many honors including: being on the national winning meats judging team, 25th individual in the national livestock judging contest, and attending national 4-H congress as a state winner in Wood Science.

Laurie Dobrosky

She also attended PAFC, Livestock Field Days, Judging Contests, Farm Show, and the York Fair.

"I am looking forward to working for Lancaster Farming," Laurie said. "I hope to meet a great many people in agriculture this summer."

Milk promotion talks to be held

BY DICK ANGLESTEIN

HARRISBURG — A meeting is expected to be held within the next few weeks to attempt to iron out how Pennsylvania's proposed Milk Marketing Promotional Program might be coordinated with similar Federal Order promotional programs.

The upcoming meeting will be held by marketing officials from the Pennsylvania Department of Agriculture and the U.S. Department of Agriculture,

"The meeting has been delayed longer than originally expected because of the need to wait for the confirmation of certain key marketing people in the USDA," James Sumner, director of the PDA's Bureau of Markets, explained.

With the recent confirmation of the USDA's assistant secretary of agriculture in charge of marketing, the meeting is expected to be held in the near future.

The session is expected to center on a discussion of how the operation of the two programs might be coordinated, including the distribution of promotional funds that are generated by assessments on producers.

The proposed assessment of three quarters of one percent, as set forth in the state program, would have quite an effect on the amount of funds which are now collected under Federal Order programs.

For example, in Federal Order 4 approximately three-fifths of the milk produced originates on Pennsylvania dairy farms.

Some USDA officials have given the opinion that if this portion of promotional funds is withdrawn, there wouldn't be enough monies remaining to continue the federal program.

"We do not wish to see this happen," according to Sumner.

"The proposed Pennsylvania program is designed to complement the federal programs."

Also, to be discussed will be the manner of assessment if dual programs are conducted.

One method would be to have the state pick up those producers who are not participating in the Federal Order programs. But due to confidentiality provisions the

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REGULAR COLUMNS

Editorials, A10; Now is the time, A10; Joyce Bupp's column, C19; Ladies have you heard, C8; Ida's Notebook, C9; Farm talk, C30.

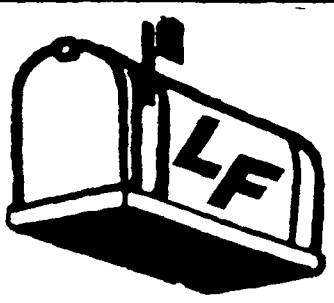
DAIRY

Berks DHIA, C21; Blair DHIA, C34; Dauphin DHIA, C28; Montgomery DHIA, C27; Upper Susquehanna, C31; The Milk Check, C25.

HOME AND YOUTH

Homestead Notes, C2; Farm Women Societies, C5; Home on the Range, C6; Kid's Korner, C12; 4-H news, C14; FFA news, C16.

Inside This Week's...



Seventeen herds of hogs in the Lancaster County area, have been placed in quarantine as a result of pseudorabies testing conducted by the Bureau of Animal Industries A-34

Electronic marketing though it sounds like a product of the '80's, it was actually introduced more than 20 years ago when a conference telephone hookup was used for livestock markets For updates, see page A22

The sixteenth annual Spring Rally at Dickinson College in Carlisle was attended by a whopping 1150 Farm Women Featured this year was former Prisoner of War Commander Charlie Plumb Read about his experiences on page C2

Northampton County holds a special Youth Day every year This year, youths and calves share the spotlight as the experienced and the not-so-experienced joined forces for a bit of laughter and fun C20

Livestock market and auction news

Due to the Memorial Day holiday certain markets will not be available for publication this week.

Vintage Livestock

Tuesday, May 26
Report supplied by USDA

	Cattle	Calves	Sheep
Today	1571	554	64
Last Tuesday	1244	544	83
Last Year	1482	474	14

CATTLE: Compared to last Tuesday slaughter steers uneven, high Choice and Prime weak to 50 lower although the bulk of the high Choice only weighed 1050-1175 lb., Good to average Choice firm to 50 higher; slaughter heifers not tested; cows 1.00-2.00 higher; bullocks fully steady; bulls steady. Supply included 76% slaughter steers, 10% cows and 5% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1400 lb. 65.75-67.00, few 67.00-67.50; high Choice and Prime 3-4 1035-1175 lb. 64.75-66.10; Good and Choice 1-2 1100-1400 lb. 66.00-67.50, 25 head 67.75-70.75; Choice 2-4 1000-1425 lb. 62.75-65.75, few 2-3 880-950 lb. 59.00-63.00; high Good and low Choice 2-3 61.00-64.00; good 2-3 58.00-62.00; Good and Choice 1175-1400 lb. Holsteins 56.00-59.25; Standard 1-2 50.75-55.00, couple lots 46.75-48.25.

COWS: Utility and Commercial 1-3 45.00-48.50, several 49.50-51.50; Commercial 3-4 44.00-45.50; Cutter 1-2 44.50-48.50, few 48.50-49.75; Canner and low Cutter 41.50-44.50.

BULLOCKS: Choice 1000-1350 lb. 55.50-60.00; Good 1000-1250 lb. 51.75-55.00.

BULLS: Yield grade 1 1400-2075 lb. 54.74-59.25; yield grade 2 1000-1450 lb. 50.75-54.50.

VEAL CALVES: Vealers 3.00-5.00 lower. Supply included 416 in graded sales of which 72% sold to return to farm.

VEALERS: Choice 160-280 lb. 94.00-105.00; high Good and low Choice 140-250 lb. 82.00-96.00, 90-120 lb. 63.00-72.00, 70-85 lb. 60.00-63.00; 30 head Standard 70-90 lb. 52.00-58.00.

RETURNED TO FARM: 65 head 80-115 lb. Holstein heifers 164.00-185.00, 20 head 70-95 lb. small frame 100.00-102.00; 35 head 120-125 lb. Holstein bulls 105.00, 115 head 100-115 lb. 109.00-112.00, 33 head 90-95 lb. 88.00-104.00, 20 head 110-120 lb. small frame 70.00-91.00.

SHEEP: Spring lambs 3.00-5.00 lower; slaughter ewes steady.

SPRING LAMBS: Few Choice 40-100 lb. 70.00-75.00; Good 30-70 lb. 55.00-67.00.

SLAUGHTER EWES: Utility and Good 18.00-27.00.

Lancaster Auction

Wednesday, May 27
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	701	27	973	6
Last Wednesday	761	24	822	20
Last Year	942	35	1081	11
Wednesday's Auction	699	26	985	6
Last Wednesday's Auction	739	23	828	1

CATTLE: Compared to last Wednesday slaughter steers firm to 50 higher; slaughter heifers steady; cows weak to 1.00 lower on small supply; bullocks and bulls weak to 1.00 lower. Supply included 82 per cent slaughter steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1350 lb. 65.50-67.00; around 30 head Choice mostly 2-3 1150-1450 lb. 66.25-67.85; Choice 2-4 1000-1325 lb. 63.00-66.00; high Good and low Choice 2-3 60.00-63.25; Good 2-3 58.00-61.00; few Standard and Good 1150-1300 lb. Holsteins 52.50-55.00.

SLAUGHTER HEIFERS: Few Choice 2-3 890-1050 lb. 59.00-64.50; Good 2-3 760-950 lb. 55.00-58.50.

COWS: Utility and Commercial 1-3 44.50-46.00; Cutter 1-2 42.50-46.00.

BULLOCKS: Choice 1050-1350 lb. 55.25-59.25; Good 1000-1275 lb. 52.00-55.50.

BULLS: Yield grade 1 1300-2000 lb. 55.00-59.00, couple 60.00-61.85; yield grade 2 1000-1450 lb. 51.00-55.00.

VEAL CALVES: Vealers mostly steady. Couple Choice 160-220 lb. 110.00-113.00; high Good and low Choice 80-120 lb. 65.00-80.00.

SHEEP: One lot Good 68 lb. spring lambs 68.00.

New Holland Livestock

Thursday, May 28
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1013	376	39	17
Last Thursday	1599	390	30	25
Last Year	1447	462	89	36

CATTLE: Compared to last Thursday, slaughter steers uneven, high Choice and Prime 50-1.50 higher, Standard to average Choice 2.00-3.00 higher; slaughter heifers 50-1.00 higher; cows 2.00-3.00 higher; bullocks 50-1.00 higher; bullocks fully steady, instances 1.00 higher on yield grade 1. Supply included 65 per cent slaughter steers, 20 per cent cows and 9 per cnt bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1425 lbs. 66.25-67.50; Good and Choice 1-2 66.50-68.00, few head Choice 2 and Prime 3 68.25-69.75; Choice 2-4 1000-1350 lbs. 63.50-66.85, few lots 67.00-67.35; few Choice 4 1100-1350 lbs. 62.00-64.00; high Good and low Choice 1-3 10000-1350 lbs. 60.50-64.00; Good 2-3 59.00-61.50; Good and Choice 1150-1425 lbs. holsteins 56.50-60.00, few Standard 1-2 52.00-55.50.

SLAUGHTER HEIFERS: Choice 2-3 900-1100 lbs. 61.00-64.00, few Yield Grade 2 64.00-64.50; Good 2-3 850-975 lbs. 55.00-60.50.

COWS: Utility and Commercial 1-3 45.50-49.00, several 49.25-52.00; Commercial 3-4 43.00-47.50; Cutter 1-2 44.00-48.75, several 49.00-51.00, few 51.00-53.00; Canner and Low Cutter 41.00-44.50.

BULLOCKS: Choice 1000-1350 lbs. 55.50-59.50, few 61.00-64.00; Good 1000-1250 lbs. 52.00-55.50.

BULLS: Yield Grade 1 1400-1900 lbs. 54.50-58.75, few 59.00-62.00; yield grade 2 1000-1450 lbs. 50.50-55.25.

VEAL CALVES: Vealers fully steady; demand good for calves to return to farm.

VEALERS: Choice 140-270 lbs. 105.00-115.00, few 115.00-125.00; high Good and low Choice 180-300 lbs. 75.00-100.00, 120-180 lbs. 85.00-105.00, 90-115 lbs. 61.00-75.00, 65-85 lbs. 52.00-62.00.

RETURNED TO FARM: Few 85-125 lbs. holstein heifers 125.00-176.00; bulk 85-120 lbs. holstein bulls 78.00-100.00, few 102.00-109.00.

SHEEP: Spring lambs fully steady; slaughter ewes steady to weak.

SPRING LAMB: Choice 45-100 lbs. 68.00-79.00, few 30-40 lbs. 80.00-89.00; few Good 20-65 lbs. 64.00-70.00.

SLAUGHTER EWES: Utility and Good 21.00-32.00.

GOATS: All goats sold by the head mainly 22.00-46.00, few 48.00-55.00.

Lancaster Weekly

Friday, May 29

	Cattle	Calves
This Week	4300	1010
Last Week	5196	1017
Last Year	5190	990

CATTLE: Compared with last week's close high Choice and Prime slaughter steers .50-1.50 higher, Standard to average Choice 2.00-3.00 higher; slaughter heifers .50-1.00 higher; cows 2.00-3.00 higher; bullocks .50-1.00 higher; bulls steady to 1.00 higher. Supply included 72 per cent slaughter steers, 12 per cent cows, 8 per cent bulls, 3 per cent heifers with the balance feeder steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1400 lbs. 65.75-67.50, 1035-1175 lbs. 64.75-66.00 few head Choice 2 and Prime 3 68.25-69.75, 6 head 70.00-70.75; Choice 2-4 1000-1425 lbs. 63.00-66.50, few 66.50-67.35, few 2-3 880-950 lbs. 59.00-63.00; high Good and low Choice 2-3 1000-1350 lbs. 60.50-64.00, Good 2-3 58.00-62.00; Good and Choice 1150-1425 lb. holsteins 56.00-60.00, few Standard 1-2 50.75-55.50.

SLAUGHTER HEIFERS: Choice 2-3 890-1100 lbs. 59.00-64.50; Good 2-3 750-975 lbs. 55.00-60.00.

COWS: Utility and Commercial 1-3 45.00-49.00, several 49.25-52.00, Commercial 3-4 43.00-47.50, Cutter 1-2 44.00-48.75, several 49.00-51.00, few 51.00-53.00, Canner and low Cutter 41.00-44.50.

BULLOCKS: Choice 1000-1350 lbs. 55.50-60.00, few 61.00-64.00; Good 1000-1250 lbs. 51.75-55.50.

BULLS: Yield Grade 1 1400-2075 lb.s 54.50-59.00, few 59.00-62.00; Yield Grade 2 1000-1450 lbs. 50.50-55.25.

VEAL CALVES: Vealers fully steady. Demand good for calves returned to farm.

VEALERS: Choice 140-270 lbs. 100.00-115.00, few 115.00-125.00; high Good and low Choice 180-300 lbs. 75.00-100.00, 120-180 lbs. 82.00-105.00, 90-115 lbs. 61.00-75.00, 65-85 lbs. 52.00-63.00.

RETURNED TO FARM: Bulk 80-125 lb. holstein heifers 125.00-185.00, around 25 head 70-95 lb. small frame 100.00-105.00; bulk 85-120 lb. holstein bulls 88.00-112.00, few 80-90 lbs. 78.00-88.00.

Carlisle Auction

Carlisle, Pa.
Tuesday, May 26
Report supplied by auction

CATTLE: STEERS: Good 55.50-58.00; Standard 46.50-53.50. HEIFERS: Good 53.75-57.25; Standard 48.00-51.00. COWS: Utility & Commercial 44.75-47.00; Cutter 40.00-45.00; Canner & Low Cutter 37.50-41.50. SHELLS down to 31.25.

BULLOCKS: Good 50.25-56.75; Standard 48.50-51.50.

FEEDER STEERS: 58.00-69.00.

CATTLE HEIFERS: 47.00-63.00.

BULLS: 52.50-58.00.

CALVES: VEALERS: Choice 85.00-100.00; Good 75.00-90.00; Standard & Good 60.00-80.00.

FARM CALVES: Hol. Bulls 105.00-118.00; Hol. Heifers 135.00-150.00.

HOGS: Barrows & Gilts US No. 1-2 45.85-46.60; US No. 1-3 40.00-45.50; US No. 2-3 34.50-40.00.

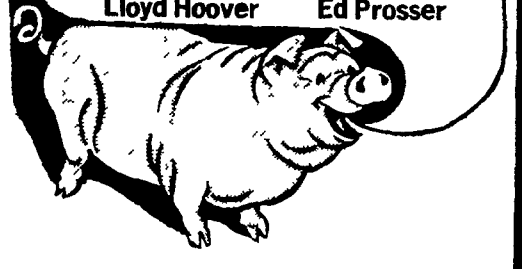
SOWS: US No. 1-3 38.50-40.00; No. 2-3 34.50-37.00; Boars 29.00-34.50.

FEEDER PIGS: US No. 1-3 16.00-21.00; No. 1-3 23.00-35.00.

SHEEP: LAMBS: Good 63.00-68.00.

LANCASTER STOCKYARDS WEEKLY SALES
SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.
NEXT FEEDER PIG SALE - JUNE 2

MARKET HOG SHOW & SALE
LANCASTER STOCKYARDS
WEDNESDAY, JUNE 24, 1981
Judging - 10 A.M. Show Sale - 1 P.M.
CHAIRMEN:
Lloyd Hoover Ed Prosser



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1 Lot of 10 Per Consignor
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Out of State Buyers - Cash or Certified Check Only.

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MONDAY'S AUCTION
8 00 A M - Fat Hogs
10 00 A M - Horse Sale
11 00 A M - Hay, Straw & Ear Corn
1 30 P M - Fat Steers, Bulls, Cows & Veal

WEDNESDAY'S AUCTION
12 00 Noon - Dairy Sale
1 30 P M Feeder Pig Sale

THURSDAY'S AUCTION
11 00 A M Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3 30 P M Calf Sale

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New Holland, PA
Abram W Diffenbach, Manager
Phone 717-354 4341

VINTAGE SALES STABLES, INC.
Sale Every Tuesday & Friday
11 A.M.
Slaughter Cattle Auction-
Steers, Bulls, Heifers, Cows,
Feeder Cattle.
(no calves or sheep Friday)
Get calves in early. We start to grade and weigh at 2:30.

Sale Every Wednesday & Saturday - 9 A.M.
Hog Sale

Sale Every Thursday 12:30 P.M.
Hay, Straw & Grain Sale

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PHONE:
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Sale every Tuesday at 1:30 P M starting with feeder cattle and pigs.
Also Hay Sale every Tuesday at 12:30.

Hog Markets

Lancaster Hogs

Lancaster Stockyards
Monday, May 25
Report supplied by USDA & Auction

1100 head.

U.S. #1 210-240 lbs. 47.50-49.25; U.S. 1 & 2 210-245 lbs. 46.50-47.35; U.S. 2 & 3 200-250 lbs. 46.00-46.50; Sows 350 lbs. and up 36.50-39.00; Boars 200 lbs. and up 34.00-36.50.

Wednesday, May 27

HOGS: Compared to last Wednesday barrows and gilts 1.00-2.00 higher.

BARROWS AND GILTS: US 1-2 200-250 lbs. 47.60-48.25; Few US 1 210-240 lbs. 49.00-49.25; US 1-3 200-260 lbs. 47.00-47.50.

Caroline Feeder Pigs

Denton, Md.
Monday, May 25
Report supplied by auction

1119 head.

Trend - compared to last sale on May 11 mostly steady on heavyweights to $10.00 lower lighter weights.

219 pigs #1&2 40-49 lbs. 65.00-76.00; 41 pigs #1&2 50-59 lbs. 68.00-71.00; 386 pigs #1&2 70-79 lbs. 60.00-70.00; 94 pigs #1&2 70-79 lbs. 50.00-62.00.

Indianapolis Hogs

Thursday, May 28
Report supplied by USDA

HOGS: 1400 - Barrows & gilts moderately active; 50-75 higher. US 1-2 220-250 lbs. 47.25-47.50.

SOWS: Moderate on limited supply, mostly steady instances 25 lower. (3%). US 1-3 300-400 lbs. 38.00; 400-500 lbs. 38.00-40.50; 500-600 lbs. 41.00-41.50.

BOARS: Under 250 lbs. scarce; few 250-300 lbs. 35.00; over 350 lbs. 37.50, individual 38.50.

Lancaster Feeder Pigs

Tuesday, May 26
Report supplied by USDA

Today	649
Last Tuesday	1549
Last Year	1020

TREND: Compared to last Tuesday small feeder pigs 7.00-12.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 49 head 24-30 lbs. 93.00-94.00; 297 head 36-49 lbs. 80.00-91.00; 115 head 50-59 lbs. 79.00-84.50; 88 head [illegible] lbs. 72.00-79.00.

US 2-3: 29 head 29-51 lbs. 66.00-79.00.

St. Louis Hogs

Thursday, May 28
Report supplied by USDA

HOGS: 6000 - Barrows & gilts very active, 1.00 higher. US 1-2 200-240 lbs. 46.50-47.00; US 1-3 220-260 lbs. 46.50-46.50.

SOWS: Steady to 50 lower. (About 10%). US 1-2 300-500 lbs. 38.00-38.50; Over 500 lbs. 39.00-41.00.

BOARS: Over 300 lbs. 39.00; 200-300 lbs. 40.00-41.00.

Peoria Hogs

Thursday, May 28
Report supplied by USDA

HOGS: 3600 - Barrows & gilts moderate, fully steady instances 25 higher. US 1-2 200-240 lbs. 46.50-47.00, 150 head 47.25-47.50; US 1-3 200-240 lbs. 46.00-46.50.

SOWS: Mostly 50 higher. (16%). US 1-3 350-425 lbs. 39.00, some 39.25; 425-500 lbs. 40.00-41.00; 500-650 lbs. 41.50, some 42.00.

BOARS: Over 350 lbs. 39.25-39.50; under 350 lbs. 36.00-40.00.

New Holland Feeder Pigs

Wednesday, May 27
Report supplied by USDA

Today	788
Last Wednesday	933
Last Year	1024

TREND: Compared to last Wednesday feeder pigs steady to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

GRADE US 1-2 152 head 28-39 lbs. 71.00-78.00; 20 head 43 lbs. 79.00; 149 head 40-49 lbs. 64.00-75.00; 19 head 55 lbs. 80.00; 115 head 50-59 lbs. 67.00-71.00; 57 head 60-78 lbs. 60.00-66.00.

US 2-3: 81 head 27-43 lbs. 60.00-69.00; 52 head 49-78 lbs. 51.00-52.00.

Westminster Feeder Pigs

Friday, May 22
Report supplied by auction

1092 Pigs: Compared to last month prices were steady to $5.00 higher on weights under 50 lbs. All pigs weighed on arrival and sold by the pound.

No. 1&2 Pigs: 146 head 31-39 lbs. 70.00-85.00; 17 (Small lots) 32-35 lbs. 58.00-64.00; 78 (All #1) 40-49 lbs. 85.00-87.00; 165 head 40-49 lbs. 65.00-76.00; 204 head 52-59 lbs. 68.00-74.00; 39 (Late Sales) 51-58 lbs. 54.00-61.00; 207 head 64-69 lbs. 57.00-69.00; 83 head 74-86 lbs. 60.00-63.00.

No. 2 Pigs: 130 head 41-47 lbs. 55.00-63.00.

No. 2 & 3 Pigs: 18 head 23-29 lbs. 50.00-72.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, May 28
Report supplied by USDA Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
This Week	379,000	25,000	1,053,000	64,000
Last Week	485,000	34,000	1,347,000	80,000
Last Year	369,000	25,000	1,144,000	65,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday May 28)

	Corn	Wheat	Soybeans	Soybean Meal
July	3.48¼	4.10¾	7.64¾	219.40
Sept.	3.55½	4.28¼	7.68¼	222.10
Oct.	–	–	–	223.30
Nov.	–	–	7.76½	–
Dec.	3.60¼	4.54½		

Trend - Corn is steady, Wheat is higher, Soybeans are higher, Soybean Meal is higher.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Feeder Pig Sale

Farmville, Va.
Thursday, May 21
Report supplied by VDA

There were 1,962 head sold. All pigs were graded by representatives of the VDACS's Division of Market, Livestock Section on USDA standards and sold by the hundredweight.

US 1-2's: 30-39 lbs. 79.75; 40-49 lbs. 81.50; 50-59 lbs. 73.00; 60-69 lbs. 62.50; 70-84 lbs. 58.50; 85-100 lbs. 44.00.

US 3's: 30-39 lbs. 69.00; 40-49 lbs. 73.00; 50-59 lbs. 69.50; 60-69 lbs. 58.00; 70-84 lbs. 50.00.

UTILITY AND US 4'S: 30-39 lbs. 60.00; 40-49 lbs. 56.00; 60-69 lbs. 47.00; 100-130 lbs. 35.00.

Vintage Hogs

Vintage Sales Stables
Saturday, May 23
Report supplied by auction

250 head.

U.S. 1 & 2 210-235 lbs. 44.00-45.00; U.S. 2 & 3 200-245 lbs. 43.00-44.00; Sows 300-600 lbs. 36.00-37.50; Boars 300-500 lbs. 33.00-35.00.

Wednesday, May 27

312 head.

U.S. 1 & 2 210-235 lbs. 47.00-48.75; U.S. 2 & 3 200-245 lbs. 46.00-47.00; Sows 300-600 lbs. 36.00-37.00; two lots of boars 300-500 lbs. 36.50.

Southeast Virginia Hogs

The Southeast Virginia hog market closed 25 cents-50 cents higher compared with Tuesday's trading. Smithfield 1-2 44.75-45.50. 1-3's 44.25-45.00. Courtland-Franklin 1-3's, 44.25-45.00. Total receipts in Southeast Virginia on Tuesday were 3,455.

Futures Trading

(Closing Bids as of Thursday May 28)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
June	67.95	51.85	
July		56.00	
Aug.	66.95	56.00	
Oct.	64.90		
Nov.			7.83

Trend - Cattle are higher, Hogs are higher. Potatoes are higher.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

Special Feeder Pig Sale

Tuesday, May 26
Madison, Virginia

1,268 head sold on USDA standards and sold by hundredweight.

US 1-2: 30-39 lbs. 72.39; 40-49 lbs. 77.00; 50-59 lbs. 55.00; 60-69 lbs. 61.00; 70-84 lbs. 58.00; 85-99 lbs. 52.00; 100-130 lbs. 44.00.

US 3: 30-39 lbs. 60.00; 40-49 lbs. 55.00; 50-59 lbs. 50.00; 60-69 lbs. 50.00; 70-84 lbs. 50.00; 85-99 lbs. 45.00.

UTILITY & US 4: 30-39 lbs. 40.00; 70-84 lbs. 40.00.

Light weight, 26 lbs., average, 56.00.

Richmond Hogs

The Richmond hog market closed 50 cents higher compared with Tuesday's trading. Salable receipts were 178 head. The No. 1-3's 200-230 lbs. were 43.50-44.50. Sows, all weights, steady to 31.00-33.00.

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SADDLE UP!

TO BETTER EQUIPMENT
Find It in Lancaster Farming's Classified Pages.

Poultry Markets

Weekly New York Egg Market

From Friday, May 22 to May 29

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	76	H	76	76	76
Ex Large	73		73	73	73
Large	70	O	70	70	70
Mediums	60		60	60	60
Pullets	49	L	49	49	49
BROWN					
Jumbo	96	I	96	96	96
Ex Large	85		85	85	85
Large	81	D	81	81	81
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	63	A	63	63	63
Checks	37	Y	38	38	38

Tone: Large barely steady. Balance medium easy.
Copyright 1961 by Urner-Barry

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	May 26 Tuesday	May 28 Thursday
Class 1 - Large	48 lbs.	55	55
Class 2 - Large	45 lbs.	52	52
Class 3 - edium	42 lbs.	45	45
Class 4 - Small	39 lbs.	37	37
Breaking Stock	48 lbs.	44	45
Checks	48 lbs.	39	40

N. E. Weekly Shell Egg Report

Tuesday, May 26
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.+	87-90	83-86	70-72	49-55
Mostly	88-89	84-85	72-	54-
N. HAMP.	82-89	78-85	65-72	44-51
Mostly	84-87	80-83	67-70	46-49
R.I.	91-92	87-88	74-75	53-54
VERMONT	89-97	85-93	72-81	—
Mostly	91-	87	75-	—
MAINE	87-90	83-86	70-73	49-52

+ Includes Central and Western Sections only.

Lancaster Farming

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, May 26
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.32-1.40.
MUSCOVY DUCKS, HENS: range 1.24-1.36.
RED FOWL: 4-5 lbs. range .15-.26.
RED FOWL: 6-7 lbs. range .24-.36.
CROSSBRED FOWL: 6-9 lbs. range .25-.34.
CROSSBRED ROOSTERS: 4-6 lbs. range .72-.94.
CROSSBRED ROOSTERS: 7-11 lbs. range .20-.34.
GUINEAS: range 1.60-1.82.
GEESE: 9-12 lbs. range .42-.56.
TURKEYS: 19-39 lbs. range .38-.54.
PIGEONS: range .75-1.10 ea.
WHITE PIGEONS: range 2.75-3.25 ea.
RABBITS: 4-6 lbs. range .72-.98.
RABBITS: 7-10 lbs. range .70-.92.
PEKING DUCKS: range .90-.98 ea.
BANTY ROOSTERS: range 2.70-4.00 ea.
BANTY HENS: range 1.00-1.75 ea.
GUINEA PIGS: range .50-2.75 ea.
GOATS: range 30.00-62.50.
KID GOATS: range 30.00-42.00.
TOTAL COOPS SOLD: 605.

Baltimore Eggs

Wednesday, May 27
Report supplied by USDA

Market steady. Demand slow to fair. Supplies adequate.

Cartoned eggs: Prices to retailers, state graded (mn. one case sale) white.

Grade A Large	73-75
Grade A Medium	63-65

Fogelsville Poultry

Fogelsville, Pa.
Tuesday, May 19
Report supplied by USDA

(Prices paid dock weights, cents per pound, except where noted)

HENS, LIGHT TYPE: range 10.
HENS, HEAVY TYPE: range 25-30.
PULLETS: range 53.
ROASTERS: range 40.
GEESE: range 60.
RABBITS: range 80-102.
GUINEAS: range 170-200.
PIGEONS (PER PAIR): range 180-601, mostly 180.
TOTAL COOPS SOLD: 120.

Eastern Pa. & N.J. Poultry

Wednesday, May 27
Report supplied by USDA

Prices on light type hens unchanged. Farm offerings light as producers hold for further production. Processor demand fair although unaggressive as finished product hard to clear. Heavy type ample for a light buying interest.

Prices paid at Farm.

Light Type Hens: 5-7, mostly 6-6½.

F.O.B. Plant: 9-9½, mostly 9.

Heavy Type Hens: TFWR.

Philadelphia Eggs

Wednesday, May 27
Report supplied by USDA

Prices unchanged. Cartoning demand fair to occasionally good where promotions involved. Offerings in fairly good balance with current interest. Undertone fully steady.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered; store door.

A Extra Large 68-73; A Large 67-71; A Medium 57½-60.

Delmarva Poultry

Wednesday, May 27
Report supplied by USDA

RTC movement mixed ranging light to occasionally fair at best. Slaughter schedules continue at near record levels at most plants. Today's LTL asking prices ranged 2 cents lower at 45-47 cents on US Grade A. Advance interest awaiting further market developments. Live supplies ample at weights often heavier than desired. Undertone weak and unsettled.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 5/27 1862; Actual 5/20 1596; Actual 5/25 None; Average Weights 5/25 None; 5/18 4.25.

Virginia Poultry Report

Wednesday, May 27
Report supplied by auction

BROILERS - AND FRYERS: Market underton weak and supplies adequates for plant needs. Estimated slaughter by Virginia processors today 824,000 head. This compares with 793,000 head last Wednesday.

Ready to cook movement including chilled and frozen products fair to good with prices 2 cents lower. Negotiated prices 2-3 lb. ice packed broiler/fryers for todays delivery trucklot-sales of plant grade 41 cents.

FOWL: Offerings of both light and heavy type adequate for a moderate demand although too few sales to report.

TURKEYS: Supplies no more than adequate for a moderate demand. Estimated slaughter today 73,000 head.

The incredible edible egg™ American Egg Board

Virginia Egg Market

Prices unchanged on all sizes and supplies adequate for a good demand. Estimated receipts as compared with the previous week no change. Prices to retailers Virginia packed consumer grade shell eggs in cartons delivered store door.

SALES TO VOLUME BUYERS. Large 67-73 cents; Medium 56-60 cents; Small 47-50½ cents.

SMALL LOT SALES: Large 76-78 cents; Medium 64-67 cents; Small 55½-56 cents.

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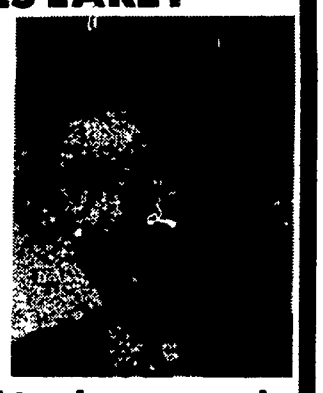

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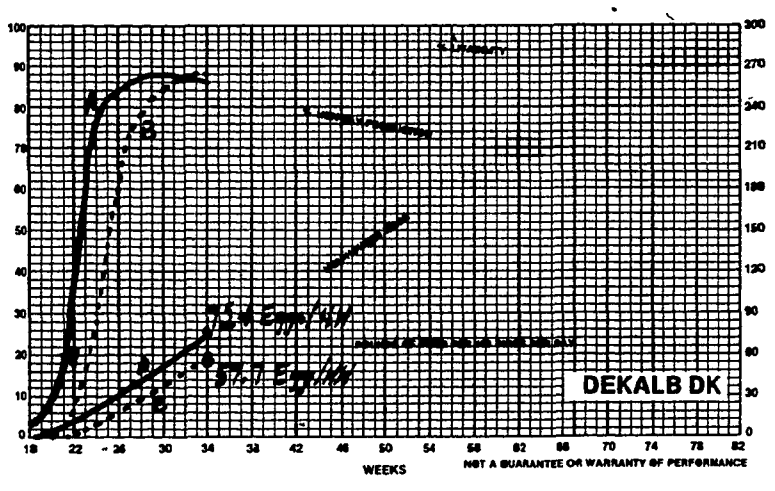

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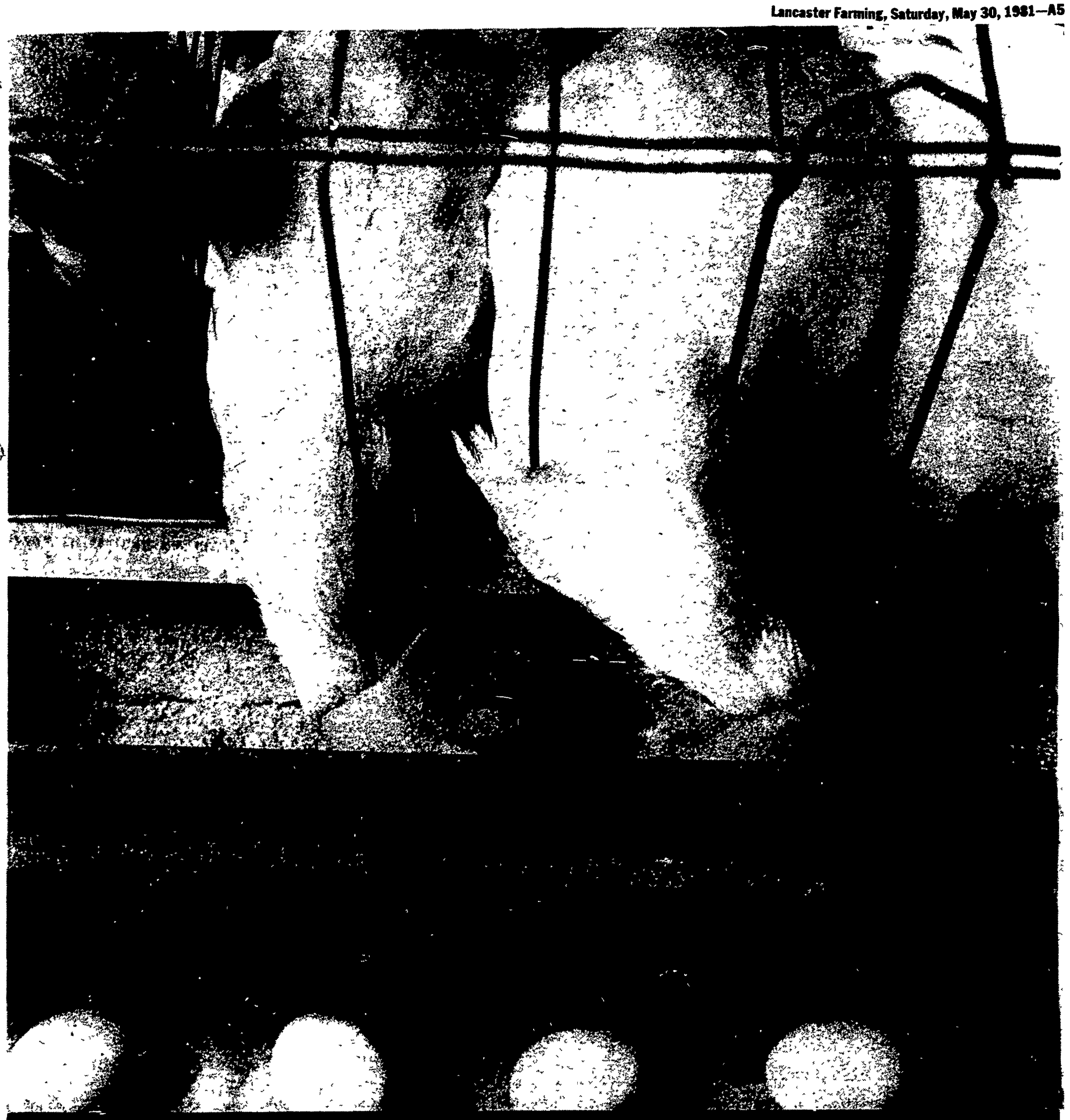

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Livestock market and auction news

Hay Markets

Regional Hay

Friday, May 22
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Old Crop Hay and Straw slow, steady to $20 lower as hay making begins; some new crop on the market.

Old Crop ALFALFA 90.00-100, few New Crop 65.00-70.00; Old Crop MIXED Hay 50.00-85.00; old Crop TIMOTHY Hay 50.00-75.00; Straw 30.00-40.00; Mulch 30.00-35.00.

Green Dragon Hay

Ephrata, Pa.
Friday, May 22
Report supplied by PDA

53 Loads Hay and 25 Loads Straw.

Alfalfa, few 103.00-145, individual 177.00; Mixed hay 54.00-133, mostly 64.00-101.00; Timothy hay, few 66.00-88.00; Straw 44.00-68, individual 78.00; Ear Corn, 9 loads 116.00-132, one 146.00; Corn Fodder, individual 48.00.

Good's Hay

Leola, Pa.
Wednesday, May 27
Report supplied by auction

86 loads.

Alflafa 72.00-140.00; Mixed 48.00-130.00; Timothy 66.00-80.00; one Stubble Hay 80.00; two Clover 81.00 & 86.00; Straw 43.00-60.00; Corn 124.00-133.00; one Corn Fodder 47.00.

New Holland Hay

New Holland Sales Stables
Monday, May 25
Report supplied by auction

79 loads.

Alfalfa 73.00-160.00; Timothy 61.00-96.00; Mixed 53.00-143.00; Straw 45.00-72.00; Corn 141.00-145.00.

Frederick Co. Hay

Mixed, 72.50-81; Timothy, 81; Alfalfa, 89-98; Mixed new hay, 70; Ear corn, 121-122; Straw, 45-46. The next sale will be held on June 11, same time, same location.

Pa. Grain

Tuesday, May 26
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn steady to 10 cents lower; Wheat steady to 20 cents lower; Barley and Oats unevenly steady. Ear Corn steady, instances $5.00 lower.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.70-3.95, average 3.84; Wheat No. 2 range 4.00-4.25, average 4.13; Barley No. 3 range 2.75-3.25, few reported 2.60, average 2.95; Oats No. 2 2.70-2.85, average 2.78; Soybeans No. 1 range 7.00-7.35, average 7.18; Ear Corn 102.00-118.00, few reported 124.00, average 112.15.

Central Pa.

Corn No. 2-y range 3.75-3.90, few reported 3.60, average 3.82; Wheat No. 2 range 3.90-4.20, average 4.05; Barley No. 3 range 2.50-2.70, average 2.60; Oats No. 2 range 2.40-2.70, average 2.53; Grain Sorghum No. 2 range 3.70, average 3.70; Ear Corn 102.00-110.00, average 107.67.

South Central Pa.

Corn No. 2-y range 3.60-3.75, average 3.67; Wheat No. 2 range 3.80-4.00, average 3.92; Barley No. 3 range 2.70-3.15, average 2.87; Oats No. 2 range 2.40-2.70, few reported 2.85, average 2.58; Ear Corn range 100.00-115.00, average 105.13.

Western Pa.

Corn No. 2-y range 3.45-3.55, few reported 3.75, average 3.54; Wheat No. 2 range 3.95-4.00, average 3.97; Barley No. 3 few reported range 2.20-2.30, average 2.25; Oats No. 2 range 2.20-2.45, average 2.32; Ear Corn few reported range 85.00-88.60, average 86.80.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.65-3.95, average 3.80; Wheat No. 2 range 3.90-4.20, average 4.05; Barley No. 3 range 2.60-3.15, average 2.83; Oats No. 2 range 2.40-2.85, average 2.62; Ear Corn range 100.00-118.00, average 109.04.

New Holland Horse

Monday, May 25
New Holland Sales Stables
Report supplied by auction

Reported receipts of 318 head of horses, mules, and ponies. Market: steady.

Load of Ky. driving 665.00-1375.00; Load of TN. riding 650.00-1050.00; Load of Ohio riding 625.00-1100.00.

Better horses 600.00-1400.00; few registered 1100.00-1425.00; Driving horses 350.00-900.00; Riding horses 350.00-550.00; Lightweight killers 350.00-500.00; Heavyweight killers 550.00-760.00; Mares 40.00-125.00; Colts 15.00-50.00; Geldings 40.00-125.00; Larger ponies 150.00-275.00.

Due to the Memorial Day holiday certain markets will not be available for publication this week.

Central U.S. Carlot

Wednesday, May 27
Report supplied by USDA

Compared to Tuesday's 4:30 report: Choice steer beef mostly steady to 1.00 higher. Choice heifer beef steady, instances 1.00 lower in thin test. Good steer and heifer beef steady, instances 1.00 higher, however, lower undertone reported on light weight good. Demand and trading moderate early but light after noon. Good steer and heifer beef supplies moderate to heavy, choice supplies moderate. The boxed beef carcass cutout value advanced $.42 to an estimated $109.00 per cwt. Sales reported on 85½ loads of steer and heifer beef.

STEER BEEF
75 Loads
FOB Omaha Basis

Choice 3: 600-900 lbs. 102.00-103.00, stdy-1.00 higher.

Choice 2-3: 600-900 lbs. 98.00 (Hols.).

Good 2-3: 600-900 lbs. 100.00-101.00, bulk 100.00, steady, inst. 1.00 higher.

FOB Amarillo Basis

Choice 2-3: 600-700 lbs. YG 3 103.50-105.50; YG 2 105.00-106.50.

HEIFER BEEF
10½ Loads
FOB Omaha Basis

Choice 3: 500-700 lbs. 101.00-102.00, mostly 102.00, mostly steady, inst. 1.00 lwer.

Good 2-3: 500-700 lbs. 98.50, few 99.50, steady, inst. 1.00 higher.

Cow beef 1.00 to 2.50 higher.

COW BEEF
11 Loads
FOB Omaha Basis

BRKG UTLTY: 450&up lbs. 75.50-76.50 (West), 1.00-2.00 higher 3-4 t/late last week.

BNG UTLTY: 400&up lbs. 81.50 (Midwest), 2.50 higher, 2-3.

Canner & Cutter: 350&up lbs. 84.00 (Midwest), no recent test 1-2.

FOB Amarillo Basis

BRKG UTLTY: 450&up lbs. 77.50 (West), 2.00 higher than late lek.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
48 Loads
FOB Omaha Basis

90% chem lean fresh 117.50.

85% chem lean fresh 106.00-108.50.

75% chem lean fresh 93.00.

65% chem lean fresh 77.50.

50% chem lean fresh 49.00-51.50.

92% chem lean fresh 125.00 bull.

FOB Amarillo Basis

50% chem lean fresh 51.00.

Compared to Tuesday's 2:30 report: Fresh pork loins 14-17 lbs. steady-1.00 lower, 17-20 lbs. steady-3.00 higher. Boston butts 8&up lbs. steady. Fresh hams steady. Trading slow; demand moderate. Sales reported on 40 loads plus 6 loads of trimmings and variety meats.

FRESH PORK CUTS

LOINS: 14/dn lbs. 92.00-96.00, late 96.00; 14-17 lbs. 91.00-95.00, late 95.00, steady-1.00 lower; 17-20 lbs. 92.75 clear channel; 17-20 lbs. 88.00 late Tuesday; 17-20 lbs. 89.00-92.00, steady-3.00 higher; 20&up lbs. 82.50 clear channel.

BOSTON BUTTS: 8&up lbs. 69.00 steady.

SKINNED HAMS: 14-17 lbs. 72.00 steady; 17-20 lbs. 71.00 steady; 20-26 lbs. 70.00 steady.

BNLS CT BUTT: 1½-2 lbs. 110.50.

SPARERIBS: 3/dn lbs. 114.25-115.00.

VARIETY MEATS

TONGUES, BNLS, SCLD/SCRPD 50.00.

SKINNED JOWLS: 36.00 fresh; 37.75-38.00 frozen.

NECKBONES: 13.00.

PORK TRIMMINGS/ BONELESS PROCESSING PORK
(Chemical Lean)

42% lean trimmings fresh 43.00.

72% lean trimmings fresh 76.00.

72% bnls picnics frozen 80.50.

Peoria Cattle

Wednesday, May 27

51 Weekly Cattle Summary: Compared to last week slaughter steers closed the week steady. Heifers .50 to 1.00 lower. Cows 1.00 to 2.00 higher. Bulls steady. Trade opened the week moderate on slaughter steers and turned active on a reduced midweek supply. Heifers remained under pressure throughout the week with weight and yield grade the main pricing factors. Receipts this week 2100 as compared to 2549 a week ago and 2759 a year ago.

SLAUGHTER STEERS: Choice, few Prime 2-4 1000-1275 lbs. 64.50-66.00, load 1136 lbs. YG 2-3's 66.50. Several loads mostly 3-4 1100-1250 lbs. 64.00-65.00. Small lot and load Choice and Prime mostly 4, few 5's, 1450-1550 lbs. 60.00-62.50. Mixed Good and Choice 2-3 950-1275 lbs. 63.00-65.00. 1150-1225 lbs. holsteins 54.00-56.00. Goods 60.00-63.00.

SLAUGHTER HEIFERS: Choice, few Prime 2-4 950-1050 lbs. 62.50-64.50, bulk 63.00-64.00. Load mostly 4's 985 lbs. 61.00. Small lot 4-5's 56.00. Mixed Good and Choice 2-3 825-950 lbs. 60.00-63.00, large frame 62.00-62.50. Good 58.00-61.00.

COWS: Utility and Commercial 2-3 42.00-46.00. Cutter 40.00-44.00. Canner and Low Cutter 37.00-40.00.

BULLS: YG 1-2 1100-2025 lbs. 50.00-55.00.

Lancaster Feeder Cattle

Friday, May 22
Report supplied by USDA

Today	249
Last Friday	454
Last Year	223

TREND: Market not fully tested, few lots three to 10 head, couple lots of 14-27 head, but bulk of supply sold in lots of one and two.

FEEDER STEERS: Small Frame 1: One lot 730 lbs. 62.75. Medium and Small Frame 1: One lot 955 lbs. 60.25. Large Frame 1: Three small lots 735-840 lbs. 62.00-65.00. Medium Frame 1-2: One lot 695 lbs. 60.00 and one lot 960 lbs. 58.00. Large Frame 2: One lot 830 lbs. 59.00.

FEEDER HEIFERS: Medium and Frame 1: One lot 555 lbs. 57.00.

MARYLAND GRADED FEEDER PIG SALES
— New Schedule —
2nd Monday Monthly
Denton - 301-479-2656
4th Friday Monthly
Westminster - 301-848-9820
4th Monday Monthly
Denton - 301-479-2656
All Sales Start at 1:30 P.M.
MARYLAND PORK PRODUCERS ASSOCIATION
(Graded Sale Since 1957)

J.B. KELLER & BRO. DAIRY COWS

Mount Joy, Pa. 17552

REGISTERED HOLSTEIN BULLS

ROUND OAK RAG APPLE ELEVATION, born 8/6/80. Dam Kingpin 83 pt. 3-7, 398, 23,826, 3.7, 900. Gr.Dam Ray McTidy Pabst Lass 80 pt. 5-9, 341, 19,610, 4.0, 783.

ROUND OAK RAG APPLE ELEVATION, born 9/12/79. Dam Bootmaker 85 pt. 4.0, 305, 19,109, 711, 3.7. Gr.Dam 85 pt. Ivanhoe Jack 6-4, 365, 23,711, 3.9, 919.

KINGPIN (Grandson), born 11/17/79. Dam Flashy Boy 81 pt. 6-4, 305, 21,284, 4.0, 943.

LAWCREST MARVEX-TWIN, born 12/1/79. Dam PenState Ivanhoe Star 4-3, 297, 23,561, 3.2, 760.

ROUND OAK RAG APPLE ELEVATION, born 11/25/79. Dam Polytechnic Black Bart 2-11, 323, 17,618, 3.8, 669.

Also High Quality Grade Cows and Heifers.
Transportation and financing available.

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Office: 717-653-4851

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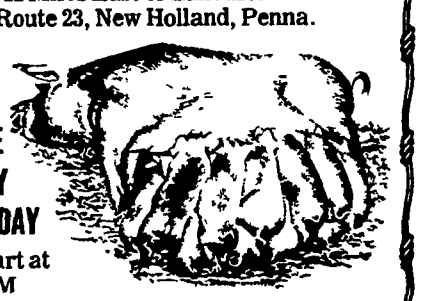
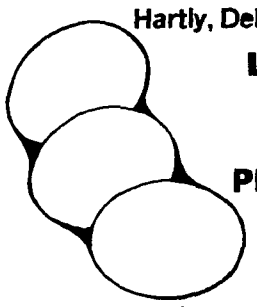
WEEKLY FEEDER PIG SALE EVERY WEDNESDAY



Sale to Start at 1:30 P M
We Will Receive Your Pigs Anytime From 7 A.M. Wed. Morning
State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
State tags available at our office for you to tag pigs at home to save 25 cents tagging charge.
Tags delivered if you call 717-354-4341 our office in advance.
Calf Sale To Be Held Every Thursday At 3:30 P.M.
NORMAN KOLB 717-397-5538
ABE DIFFENBACH 717-393-4464

SYDEL'S EGG FARM
Hartly, Delaware



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Ray R. Harbold
Rd 1 Box 95
Hershey, PA 17033
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or 717-569-2061

Livestock market and auction news

East Coast Carlot

Wednesday, May 27
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal 8.00 to 10.00 lower than Friday's last test. Good and Choice boning veal 1.00 to 3.00 lower. Spring lamb steady with last week. Boneless beef not enough sales reported to establish trends, however, firm undertone indicated.

VEAL CARCASS
HIDE ON
260 Head

180-240 lbs. 180.00-185.00, 8.00 to 10.00 lower than Fri.

BONING TYPE
HIDE ON
Good and Choice

Northeastern Suppliers: 65-75 lbs. 112.00-113.00, all 1.00 to 3.00 lower; 55-64 lbs. 110.00-111.00; 45-54 lbs. 108.00-109.00; 35-44 lbs. 106.00-107.00; 34 lbs. down 104.00-105.00.

Inshipped: 71-80 lbs. 114.00 ltd, all weak with Thursday; 61-70 lbs. 112.00 ltd; 51-60 lbs. 110.00 ltd; 41-50 lbs. 108.00 ltd; 30-40 lbs. 106.00 ltd.

SPRING LAMB CARCASS
Choice & Prime 3-4
3 Loads

Compared to last week: 55 lbs. down 145.00 steady; 55-65 lbs. few 145.00.

BONBLESS BEEF
1¾ Loads
(U.S. and Canadian Origin)

90 pct chem lean, fresh 125.00, part load.

85 pct chem lean, fresh 114.00.

CURED AND PROCESSED MEATS
4 Loads

Semi-Boneless Hams: 14-17 lbs. 100.00 steady.

Bonless Hams: 13-17 lbs. 123.00 steady.

Franks, 70 Beef, 30 Pork 1 lb. pkg. 85.00 steady.

Four States Livestock

Hagerstown, Md.
Wednesday, May 20
Report supplied by auction

SLAUGHTER: Fed Steers Demand for Choice, Dry Feds. Choice 60.00-64.75; Good 55.00-59.00; Medium 54.00 Down. Heifers Good 49.00-52.50; Medium 48.00. Cows Steady to $1.00 higher. High Yield 46.50-50.00; Average 43.00-46.00; Big Middle 39.00-42.00; Fatty Herf. 38.00-41.00; Shelly 43.00 Down. Fat Bulls $1.00 lower. Good 53.00-56.00; Medium 47.00-52.00. Veal Calves $1.00 to 3.00 higher. Choice 95.00-100.00; Good 90.00-94.00; Medium 80.00-89.00; Farm Hfrs. to 170.00; Farm Bulls to 112.50; Light & Weak 65.00 Down. Lambs No Good or Choice. Medium 50.00-58.00.

STOCKER: Steers 300-550 lbs. $1.00 higher. Choice 69.00-75.00; Good 63.00-68.00; Medium 58.00-62.00; Culls 57.00 Down. Steers 600-850 lbs. Choice 63.00-68.00; Good 57.00-62.00; Medium 56.00 Down. Heifers (All Weights) Choice 56.00-60.50; Good 50.00-55.00; Medium 49.00 Down. Bulls Choice 63.00-67.50; Good 57.00-62.00; Medium 56.00 Down. Springing Heifers to 1100.00. Pigs, Hd. Steady prices. 20-30 lbs. 12.00-25.00; 40-60 lbs. 26.00-37.00. Shoats by Lb. to 43.00. Slaughter Hogs $1.50 higher. Few lots 44.10-44.60; 210-260 lbs. 42.75-44.00; 240-260 lbs. 43.00-43.75; 190-205 lbs. 42.00-43.10. Sows 300-600 lbs. 34.00-38.50; Thin Sows 29.00-33.00.

G&M Livestock

Monday, May 25
Duncansville, Pa.
Report supplied by auction

Market report steers steady, cows higher, hogs higher.

STEERS: High Choice and Prime 64.00-66.80; Good to Choice 60.00-64.00; Standard to Good 54.00-60.00.

HEIFERS: Good to Choice 56.00-60.00; Standard 50.00-56.00.

FEEDERSTEERS: Good to Choice 300-500 lbs. 55.00-70.00.

BULLS: 54.00-60.00; 50.00-54.00.

COWS: High Choice to Prime 46.00-49.00; few to 52.00; Good 44.00-46.00; Utility 42.00-44.00; Cutters 40.00-42.00; Canners Down to 38.00.

CALVES: High to Choice 90.00-103.00; Good to Choice 80.00-90.00; Standard to Good 70.00-80.00; Utility 55.00-70.00.

FARM CALVES: Hol. Bulls 100.00-133.00; Hol. Heifers 120.00-177.50.

FEEDER PIGS: 15-30 lbs. 18.00-24.00; 30-50 lbs. 24.00-32.00.

HOGS: 200-240 lbs. 44.00-47.30; 170-300 lbs. 41.00-44.00.

SOWS: 33.00-39.00.

BOARS: 28.00-33.00.

Joliet Cattle

Thursday, May 28

Friday through Wednesday's salable receipts 3,400; 5 days last week 4,093; same period a year ago 3,581. Trading slow on Tuesday, moderately active on Wednesday. Slaughter steers ended the week steady to 50 lower compared with Wednesday of last week. Slaughter heifers ended the week mostly steady. Cows ended the week steady to firm.

SLAUGHTER STEERS: Mixed High Choice and Prime 3, few 4, 1150-1300# 64.50-65.50 Tuesday; 65.50-66.00, load 66.75 Wednesday; 3-4 1200-1350# 63.50-64.50 Tuesday; 64.50-65.50 Wednesday; 3-5 1200-1400# 60.00-63.00 Tuesday; 63.00-64.50 Wednesday; 4-5 1300-1600# 58.00-59.00. Choice 2-4 1050-1300# 64.25-65.50, 1 load 66.00, 1 load 66.25 Tuesday; 64.00-66.00; 2½ loads 66.50 Wednesday. Mixed Good and Choice 2-3 1000-1300# 63.00-64.00 Tuesday; 63.50-64.50 Wednesday. Standard and Good 2 1150-1300# holsteins 55.00-57.00 Tuesday.

SLAUGHTER HEIFERS: Choice & Mixed Choice & Prime 2-4 900-1150# 63.50-65.00, mostly 64.00-65.00 Tuesday; 64.50-65.50, load 66.00 Wednesday. Mixed Good and Choice 2-3 800-1000# 62.50-63.75 Tuesday; 63.00-64.25 Wednesday.

COWS: Cutter & Utility 1-3 40.00-44.00, few 44.50 Wednesday; 41.00-45.00 Thursday.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, May 23
Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 75.00-80.00; Medium 70.00-74.75; Plain 69.75 and down; Good Heavy Steers 65.00-70.00; Medium 60.00-64.75; Plain 59.75 and down; Holstein Steers 51.00 and down; Good Slaughter Steers 62.00 and down; Good Light Heifer Calves 60.00-64.00; Medium 55.00-59.95; Plain 59.75 and down; Good Heavy Heifers 52.00-57.00; Medium 46.00-51.75; Plain 45.00 and down; Slaughter Cows 40.00-45.75; Utilities 35.00-39.95; Canners & Cutters 36.00 and down; Milk & Stock Cows 445.00 and down; Stock Bulls 68.00 and down; Slaughter Bulls 62.00 and down.

CALVES: Veal Calves 89.00 and down; Baby Calves 110.00 and down.

SHEEP & LAMBS: Choice Blue O 72.35; Good Red O 68.75; Slaughter Ewes 17.00 and down. All Buck Lambs Discounted $1.00.

HOGS: Top 42.50; Heavy 41.50; Medium 39.00; Sows 37.00 and down; Boars 32.00 and down.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, May 25
Report supplied by auction

Reported receipts of 227 calves, 66 cows, 19 bulls, 42 heifers, 5 steers, 127 hogs, 52 lambs, 7 sheep. Cattle market reported good to very active, calf market reported much higher.

Holstein Heifer Calves to 160.00; Veal Calves, to 105.00; Bobs, 90 to 110 85.00-115.00; Bobs, 80 and down lbs. 70.00-83.00; Grassers & Feeders 48.00-65.50; Lambs feeder 67.00-83.00; Sheep 15.00-30.00; Hogs, 200-250 lbs. 36.00-44.50; Sows 32.00-38.00; Boars 25.00-32.50; Pigs 27.50-34.00; Heifers 46.00-52.00; Steers medium 47.00-50.50; Steers, feeder 51.00-62.00; Bulls 51.50-55.75; Cows, utility 44.50-46.00; Cows, fat 41.00-43.50; Cows, medium 40.00-42.00; Cows, poor or small 32.00-38.50; Horses small to 177.50; Ponies to 87.50; Goats 40 to 38.00.

Leesport Auction

Leesport, Pa.
Wednesday, May 27
Report supplied by PDA

CATTLE 322. Compared with last Wednesday's market, slaughter steers & bulls mostly steady. Slaughter cows grading Utility $1 to $1.50 higher, Canner & cutter weak to 1.50 lower. Choice 1000-1325 lbs. slaughter steers 62.00-64.25, few to 65.00, Good 58.00-63.00, Standard 53.00-57.00, few Utility 48.00-50.50. Few Good slaughter heifers 53.00-56.00. Utility & Commercial slaughter cows 45.50-48.00, few to 48.85, Cutters 43.00-46.00, few to 47.60, Canner & Low Cutter 40.00-43.00, Shells down to 36.75. Good slaughter bullocks 58.25-64.10, few Standard 54.00-59.50. Yield Grade #1 1100-1930 lbs. slaughter bulls 53.50-59.75, few to 63.75; yield grade #2 900-1100 lbs. 49.25-54.00. Few Medium Frame #1 450-500 lbs. feeder steers 61.00-67.50, Large Frame #2 300-1000 lbs. 49.00-53.00; few Large Frame #1 600-700 lbs. feeder bulls 55.00-59.00, few Large Frame #2 475-800 lbs. 47.00-53.50.

CALVES 133. Vealers grading Choice 4.00-8.00 lower. Choice vealers 90.00-104.00, few Good 85.00-90.00, few Standard & Good 85-115 lbs. 70.00-74.00. Farm calves active, holstein bulls 90-125 lbs. 85.00-112.00, 70-90 lbs. 74.00-85.00; holstein heifers 90-130 lbs. 120.00-155.00, few down to 92.50; beef cross bulls & heifers 75-110 lbs. 83.00-105.00.

HOGS 368. Barrows & gilts 2.75-3.00 higher. US No. 1-2 200-240 lbs. barrows & gilts 47.75-48.50, No. 1-3 195-255 lbs. 47.00-48.10, one lot 49.00, No. 2-3 230-280 lbs. 45.00-47.00. Sows 1.00-1.75 higher. US No. 1-3 300-600 lbs. sows 38.00-41.00. Boars 33.00-34.25.

FEEDER PIGS 347. One lot US No. 1-3 18 lbs. feeder pigs 90.00 cwt., No. 1-3 30-55 lbs. 60.00-82.00 cwt.

SHEEP 76. Choice 25-85 lbs. 25-85 lbs. spring slaughter lambs 70.00-82.00, few to 109.00, few choice 90-125 lbs. 60.00-73.00. Slaughter sheep 12.00-34.00, mostly 17.00-26.00.

GOATS 30. Large adult goats 26.00-38.00, few to 61.00, kids 20.00-33.00 per head.

Middleburg Auction

Middleburg, Pa.
Tuesday, May 26
Report supplied by PDA

CATTLE 233. Compared with last Tuesday's market, slaughter cows steady to $1 lower. Choice 2-4, 1050-1270 lbs. slaughter steers 62.75-65.75, couple to 67.35, Good 57.00-61.50, Standard 52.00-57.50. Few Choice slaughter heifers 57.75-58.75. Utility and Commercial slaughter cows 43.50-47.00, couple 48.50, Cutters 42.50-45.10, few Canner and Low Cutters 40.00-41.60, Shells down to 35.00. Individual Choice slaughter bullocks at 62.50. Yield Grade No. 1, 900-1790 lbs. slaughter bulls 53.00-61.25. Large Frame #2, 400-800 lbs. feeder steers 45.00-54.00, few Large Frame #1, 425-650 lbs. 57.50-71.00. Few Large Frame #1, 450-600 lbs. feeder heifers 50.50-55.00.

CALVES 135. Couple Prime vealers at 100.00, Choice 90.00-95.00, few Good 86.00-89.00, Standard and Good 70-95 lbs. 70.00-77.00. Farm Calves: Hol. Bulls 85-125 lbs. 76.00-114.00, mostly 90.00-100.00; Hol. Heifers 90-155 lbs. 106.00-170.00.

HOGS 421. (Mon. 5-25-81) Barrows and gilts 1.50-1.75 higher. US No. 1-2 210-235 lbs. barrows and gilts 46.50-47.85, few lots 48.85, No. 1-3 190-250 lbs. 45.50-46.50, No. 2-3 190-270 lbs. 44.00-45.50. US No. 1-3 370-665 lbs. sows 37.00-40.50, No. 2-3 300-500 lbs. 30.00-36.50.

HOGS 63. (Tues) 5-25-81 - One Lot US No. 1-2 210 lbs. barrows and gilts at 48.25, No. 1-3 225-250 lbs. 46.00-46.50.

FEEDER PIGS 227. US No. 1-3 25-40 lbs. feeder pigs 26.00-39.00 per head, No. 1-3 40-60 lbs. 36.00-45.00 per head.

SHEEP 17. Few Choice 70-100 lbs. spring slaughter lambs 69.00-73.50.

GOATS 8. Few Kids 16.00-25.00 per head.

New Holland Dairy

New Holland, Pa.
Wednesday, May 27
Report supplied by auction

Reported receipts of 54 cows, 29 heifers, and 1 bull. Heifer market, stronger; cow market, steady.

Load of Butler Co. purebred & grade springers, 850.00-1725.00; Load of N.Y. fresh cows, 1085.00-1400.00, springers 1300.00-1475.00; Load of Pa. fresh cows, 1050.00-1375.00; Load of Susquehanna Co. fresh cows, 1150.00-1300.00.

Locally consigned cows 345.00-1175.00; Springing heifers 950.00-1325.00; Open heifers 360.00-625.00; One bull 780.00.

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1 Mile North of Ephrata, PA

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12:30 P.M. - Dairy Cows
7:00 P.M. - Small Animal Sale

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I'M NOT LION...
The Classified Livestock Section Has Beastly Selections!

Livestock market and auction news

THE OLD FARMER'S ALMANAC

JUNE 1-7, 1981

Roses provide pleasant scents for noses.

Now you can spoon under a new June moon . . William Lilly sneezed to death June 7, 1681 . New moon June 2 (Tues) Average length of days for the week, 15 hours, 9 minutes . New transcontinental train record set — New York to San Francisco, 83 hours, 59 minutes, June 4, 1876 . *Admitting you are wrong makes you strong*

Ask the Old Farmer: Can you tell me how to parch sweet corn? I had it as a child and many people don't know what it is F S, Windsor, CT

First of all the corn must be thoroughly dried It takes months to get it hard and wrinkled as it should be. Then shell it and put it into an iron frying pan on the stove Keep shaking the corn around as it browns until you have the color you want When properly parched, it should break between your teeth about the same as a roasted peanut

Home Hints: When cutting slippery fabrics such as chiffon and jersey, use table pads, with the felt side up, as a cutting surface

OLD FARMER'S WEATHER FORECASTS

New England: Cloudy, then clearing, midweek is cold, possible frost, becoming sunny and warm by weekend

Greater New York-New Jersey: Week begins with showers and cool temperatures, cloudy and cool turns clear by end.

Middle Atlantic Coastal: Few showers start, followed by warm, then cool, clear and warmer midweek; ending with rain.

Piedmont & Southeast Coastal: Rain west, showers east, cool temperatures throughout week, weekend is rainy.

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Belleville Auction

Belleville, Pa.
Tuesday, May 27
Report supplied by PDA

CATTLE 94. Compared with last Wednesday's market, slaughter cows 1.50 higher. Few Standard slaughter steers 50.75-53.00. Utility & Commercial slaughter cows 45.60-48.60, few to 51.25, Cutters 42.85-46.85, few Canner & Low Cutter 39.00-41.50, few Shells down to 35.00. Few Yield Grade #1 1040-1700 lbs. slaughter bulls 48.85-58.50. Few Large Frame #2 600-900 lbs. feeder steers 46.85-49.75.

CALVES 114. Few Choice vealers 88.00-99.00, few Good 75.00-80.00. Few beef cross bulls 79.00-112.00, hosltein bulls 85-125 lbs. 79.00-106.00, few to 114.00; few holstein heifers 80-135 lbs. 77.00-117.50.

HOGS 272. Barrows & gilts 3.00-3.50 higher. US No. 1-2 210-240 lbs. barrows & gilts 47.60-48.60, No. 1-3 205-250 lbs. 45.50-47.25, few lots 235-265 lbs. 40.50-42.00. US No. 1-3 300-675 lbs. sows 34.00-39.00, couple 41.25, few Utility 250-350 lbs. 27.50-33.00. Boars 26.00-32.00.

FEEDER PIGS 316. US No. 1-3 20-35 lbs. feeder pigs 22.00-30.00 per head, No. 1-3 35-50 lbs. 28.00-35.50, No. 1-3 50-60 lbs. 34.00-38.50 per head.

SHEEP 54. choice 70-100 lbs. spring slaughter lambs 71.50-76.00. Slaughter ewes 19.00-31.00, few yearlings to 47.00.

GOATS 15. Goat kids 10.00-30.00 per head.

Few Holstein Dairy Cows 720.00-1320.00 per head, one $1700 per head.

Weekly Summary

Friday, May 29
Report supplied by PDA

CATTLE: 5046. Compared with 7181 head last week, and 5092 head a year ago. Compared with last week's market: Slaughter steers uneven, mostly steady to .50 higher; Sl. heifers steady to 1.00 higher; Sl. cows .50-1.00 higher, spots 3.00 higher; Sl. bullocks 1.00-2.00 lower; Sl. bulls steady to 2.00 higher. Sl. steers: High Choice & Prime No. 3-4 65.50-67.50; Choice No. 2-4, 62.50-66.85, Good 58.00-63.00; Standard 52.00-57.50. Sl. heifers: Choice 60.00-64.50; Good 55.00-59.00; few Standard 50.00-56.00. Sl. cows: Utility & Commercial 45.00-48.50, few 52.50. Cutters 42.50-46.50, few to 48.00; Canner & L. Cutter 39.00-44.50; Shells down to 31.00. Sl. bullocks: Choice 55.50-60.50; Good 52.00-55.50. Sl. bulls: Yield Grade No. 1, 1000-2400 lbs. 54.00-60.50; Yield Grade No. 2, 900-1600 lbs. 50.00-54.50.

FEEDER CATTLE: Steers, few Large Frame No. 1, 300-750 lbs. 59.00-80.00; Large Frame No. 2, 350-900 lbs. 46.00-59.00. Heifers, few Medium Frame No. 1, 300-750 lbs. 50.00-67.50.

CALVES: 2352. Compared with 2723 head last week and 2029 head a year ago. Vealers unevenly steady. Few Prime 100.00-108.00; Choice 90.00-105.00, few to 115.00; Good 85.00-95.00, 90-120 lbs. 70.00-80.00; 65-90 lbs. 60.00-75.00; Utility 50-110 lbs. 50.00-60.00.

FARM CALVES: active Hol. Bulls 80-125 lbs. 74.00-115.00, mostly 85.00-106.00; Hol. Heifers 80-150 lbs. 75.00-185.00, mostly 100.00-170.00.

HOGS: 3182. Compared with 6344 head last week and 4531 head a year ago. Barrows and gilts 2.00-2.50 higher. US No. 1-2 200-240 lbs. 46.50-48.50 No. 1-3 200-250 lbs. 45.50-47.00; No. 2-3 43.50-45.50; Sows steady to 1.00 higher US No. 1-3 300-555 lbs. 35.50-41.00; No. 2-3 300-650 lbs. 30.00-36.50. Boars 31.00-35.50.

FEEDER PIGS 1024. Compared with 1131 head last week and 1400 a year ago. Feeder Pigs 2.00-6.00 higher. US No. 1-3 20-35 lbs. 22.00-30.00 per head; No. 1-3 35-50 lbs. 28.00-38.00; No. 1-3 50-75 lbs. 34.00-45.00 per head.

GRADED FEEDER PIGS: 1437. Compared with 3540 head last week, and 2043 head a year ago. All sales by CWT. Feeder Pigs mostly 3.00-10.00 higher. US No. 1-2 25-40 lbs. 71.00-94.00, 40-50 lbs. 64.00-91.00, 50-60 lbs. 67.00-84.00, 60-70 lbs. 72.00-79.00; US No. 2-3 25-40 lbs. 60.00-79.00, 40-50 lbs. 51.00-61.00.

SHEEP: 336. Compared with 644 head last week and 290 head a year ago. Spring sl. lambs mostly steady, spots weaker. Choice 40-100 lbs. 70.00-76.00, with few to 82.00; Good 30-80 lbs. 55.00-68.00. Sl. ewes: 17.00-34.00.

Due to the Memorial Day holiday certain markets will not be available for publication this week.

Lebanon Valley Auction

Fredericksburg, Pa.
Tuesday, May 26
Report supplied by PDA

CATTLE 152. Couple Choice slaughter steers 63.75 & 63.85, few Good 58.50-60.10, Standard 49.25-56.85; Good & Choice holsteins 56.10-60.60, individual at 61.50. Individual High Choice slaughter heifer at 63.75, couple 59.75 & 59.85, few Good 53.25-57.50, few Standard 47.00-52.00. Utility and Commercial slaughter cows 45.00-47.35, few 49.25-49.85, few Low Yielding Utility 40.75-42.75, Cutters 43.10-45.50, few 46.10, Canner and Low Cutters 40.00-42.85. Shells down to 31.00. Few Good slaughter bullocks 54.00-56.25, Standard 52.00-56.75. Few Yield Grade #1, 1340-1750 lbs. slaughter bulls 54.00-57.00, individual #2, 1975 lbs. 58.50. Few Medium and Large Frame #1, 390-770 lbs. feeder steers 59.00-80, few Large #2, 350-490 lbs. 56.00-59. Medium and Large Frame #1&2, 300-815 lbs. feeder heifers 51.25-56.00.

CALVES 155. Choice vealers 87.00-102, few Good 68.00-82, Standard and Good 65-100 lbs. 70.00-77, Utility 45-85 lbs. 48.00-69. Farm Calves: Active. Hol. Bulls 80-125 lbs. 74.00-115, mostly 81.00-107; Hol. Heifers 85-145 lbs. 110.00-166, mostly 116.00-145.00. Beef cross bulls & heifers 75-140 lbs. 76.00-92.00.

HOGS 186. US No. 1-2 210-250 lbs. barrows and gilts 46.75-47.35, No. 1-3 2-235 lbs. 46.50-47, few No. 2-3 225-250 lbs. 45.00-46, few 265-290 lbs. 43.35-44.50. US No. 1-3 290-485 lbs. sows 36.50-40.25, No. 2-3 3-465 lbs. 32.50-36.50; Boars 31.50-32.00.

FEEDER PIGS 32. Few US No. 1-3 42-75 lbs. feeder pigs 43.00-61 per hundredweight.

SHEEP 13. Few Choice 30-85 lbs. spring slaughter lambs 60.00-75. Few Slaughter sheep 15.00-32.00.

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VALUE THRU PROCESSING:

Processing 400 Lb. Sow (Yields 220 Lbs. Pork Roll)..... $104
Market Value of Sow..... $140
Total Investment..... $244
Cost Per Lb. of Pork Roll (220 Lb. @ $244) Is $1.11 Per Lb. — Resale Value at $1.50 Lb..... $330
Less Total Investment..... $244
Extra Gross Profit..... $ 86

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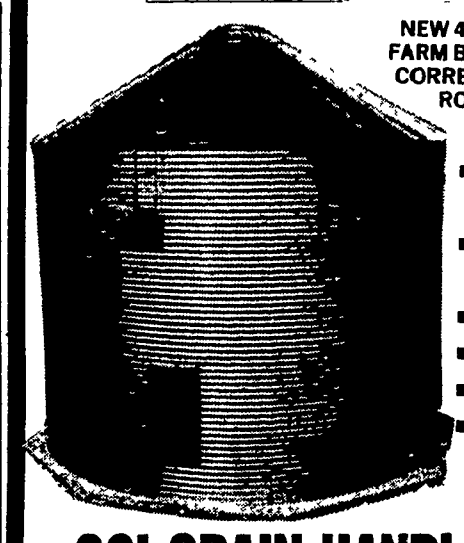

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Livestock market and auction news

Chambersburg Auction

Thursday, May 28
Report supplied by PDA

CATTLE: 374. Compared with last Thursday's market: Slaughter steers grading Standard & Good about steady; Sl. cows .75-1.50 higher; Sl. bulls 1.00-2.50 higher. Sl. steers; one Prime at 67.50; few choice No. 2-4 975-1175 lbs. 61.85-65.50, Good 57.00-60.50; Standard 52.75-57.25. Sl. heifers: few choice #1 875-1050 lb.s 64.75-66.50; few good 52.00-55.00. Sl. cows: Utility & Commercial 44.75-49.50 with few to 51.85. Cutters 44.00-48.00; Canner & L. Cutter 38.50-43.75; Shells down to 36.50. Sl. bullocks; couple Choice 56.25 & 58.00. Sl. bulls: Yield Grade No. 1, 1460-2170 lbs. 52.25-58.35 with one at 60.85; Yield grade No. 1, 790-1180 lbs. 49.25-53.00.

FEEDER CATTLE: Steers Medium Frame No. 1, 300-550 lb. 59.00-69.00; Large Frame No. 2, 600-800 lbs. 50.00-53.50. Heifers, Medium Frame No. 1, 350-500 lbs. 51.00-56.00.

CALVES: 370. Vealers about steady. Few Prime 104.00-108.00; Choice 90.00-100.00; Good 82.00-91.00, 70-95 lbs. 69.00-81.00; Utility 50-100 lbs. 50.00-68.00.

FARM CALVES: Hol. Bulls 85-120 lbs. 80.00-110.00, mostly 95.00-105.00 with couple 40 126.00; Hol. Heifers 65-265 lbs. 86.00-170.00.

HOGS: 97. Barrows and gilts 2.00 higher. One lot US No. 1-2 230 lbs. at 47.35. No. 1-3 210-250 lbs. 45.85-47.35. Sows US No. 1-3 300-500 lbs. 34.00-37.00 with one at 39.25; few lots No. 2-3 250-350 lbs. 32.50-34.00. Boars 32.00-33.75.

FEEDER PIGS 33. Few lots US No. 1-3 25-50 lbs. 18.50-30.00 per head.

SHEEP: 34. Spring sl. lambs few Choice 75-110 lbs. 64.50-72.00. Few sl. ewes: 23.00-26.00.

GOATS: 8.

Western Maryland Livestock

Westminster, Md.
Tuesday, May 26
Report supplied by auction

BUTCHER COWS: Larger run, $50. higher! High Yield 47.50-49.85; Standard & Utility 43.50-47.00; Canners 40.00-44.00; Shelly 42.00 Down. Bulls Few Good 1500-2300 lbs. 52.00-55.75. Steers Choice 2-4 62.25-65.00; few to 66.50; Good 58.00-62.00. Heifers Choice #2 61.75-64.00; 3-4 54.00-57.00.

BUTCHER HOGS: $2 higher. Good demand for all classes. US #1&3 215-240 lbs. 45.85-46.10; 195-210 lbs. 44.00-44.75. Sows US 1&3 400-650 lbs. 36.50-41.00 Boars 400-700 lbs. 3 hd. to 34.10; 250-350 lbs. 32.00-33.00.

VEAL CALVES: $4 higher. Active bidding. Good & Choice 90.00-101.00; Standard & Good 84.00-92.00; Stocky & Thin 50.00-70.00; Killers 80-100 lbs. 72.00-80.00; Weak & Rough 71.00 Down.

CALVES RETURNED TO FARM: Good demand. Holstein Heifers few 90-105 lbs. to 110.00; Holstein Bulls 95-115 lbs. 85.00-114.00; Mainly 95.00-110.00; Beef Type 80-110 lbs. 85-100 lbs. one to 160.00.

LAMBS: Few 30-50 lbs. 80.00-124.00; 70-85 lbs. 60.00-90.00; Sheep 15.00-25.00.

STOCK CATTLE: $3 to $5 over last week. Steers 300-500 lbs. 69.00-75.00; Good 65.00-70.00; Mostly Holsteins 500-700 lbs. 49.00-53.00. Heifers Choice 300-500 lbs. 57.00-64.50; Good 52.00-57.00; 500-700 lbs. 47.00-54.00.

BULLS: Good & Choice 300-500 lbs. 60.00-68.00.

PIGS AND SHOATS: Steady prices. By the Head 15-30 lbs. 10.00-21.00; 30-60 lbs. 18.00-30.00; By the Lb. 120-160 lbs. 31.50-40.50; Lt. Boars 225-230 lbs. 28.50-29.25.

Indiana Auction

Thursday, May 28
Report supplied by auction

CATTLE: 199. Sl. steers: Good & Choice 58.75-64.50; Standard 52.00-54.00; Sl. heifers: Good & Choice 55.00-56.75; Sl. cows: few Utility & Commercial 52.00-53.25; Cutters 45.25-47.00; Canner & L. Cutter 42.00-45.00. Sl. bulls: Yield Grade No. 1, 56.00-59.00.

CALVES: 136. Vealers steady. One Prime at 100.00; Good & Choice 92.00-97.00; 90-110 lbs. 65.00-70.00; 70-90 lbs. 55.00-75.00.

FARM CALVES: Hol. Bulls 108.00; Hol. Heifers 130.00.

HOGS: 145. Barrows and gilts 4.00 higher. US No. 1-2 200-240 lbs 49.00-49.25; No. 1-3 200-250 lbs. 48.00-49.00; Sows US No. 1-3 300-500 lbs. 43.00-46.00.

FEEDER PIGS 8. Not enough of any one grade to establish a market.

SHEEP: 23. Spring sl. lambs 79.00-80.00; Sl. ewes: 15.00-22.00.

St. Louis Cattle

Thursday, May 28
Report supplied by USDA

As compared to the previous weeks close, slaughter steers .50-1.00 lower. Slaughter heifers .50-1.00 lower. Cows firm to 1.00 higher. Few Bulls firm to .50 higher. Supply mainly Choice and Choice and Prime 2-4 slaughter steers, around 35% heifers and 10% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 64.00-65.00; 3-4 1075-1275 lbs. 63.00-64.00. Choice 2-4 950-1300 lbs. 63.00-64.50. Mixed Good and Choice 2-4 900-1200 lbs. 62.00-63.50. Good 2-3 900-1150 lbs. 60.00-62.00. Standard to mostly Good 2-3 1100-1325 lbs. holsteins 53.00-57.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1075 lbs. 61.50-63.00, few closing sales 62.00-63.00; 3-5 900-1100 lbs. 58.00-59.00; Choice 2-4 825-1080 lbs. 60.50-62.00, closing 61.00-62.00; 750-825 lbs. 57.00-58.25. Mixed Good and Choice 2-4 700-1000 lbs. 59.00-61.00. Good 2-3 700-975 lbs. 57.00-59.00.

COWS: Closing week sales: Utility and Commercial 2-4 40.00-42.00. Boning Utility 1-2 42.00-45.00. Cutter 1-2 39.00-41.00. Canner and Low Cutter 35.00-39.00.

BULLS: Yield Grade 1-2 1050-1900 lbs. 50.00-54.00. Individual Yield Grade 1 55.00.

FEEDERS: (Including around 1,200 at the regular Thursday auction.) Feeder steers steady to firm. Feeder heifers steady. Overall quality not much different than last week with supply mainly Medium Frame 1-2 400-800 lbs. steers and 400-700 lbs. heifers.

FEEDER STEERS: Medium Frame 1: 425-575# 66.25-71.00; 600-700# 62.00-67.75, mostly 63.00-65.00; 725-880# 61.50-63.25. Medium Frame 1-2 and Some Small Frame 1: 450-575# 62.75-66.75. Large Frame 2 Holsteins: Couple lots 450-550# 56.50-59.50; 725-1000# 51.50-54.50.

FEEDER HEIFERS: Medium Frame 1: Couple lots 325-365# 61.50-65.00; 425-500# 57.50-60.25; 550-775# 56.00-58.60. Medium Frame 1-2 and Small Frame 1: 375-600# 53.25-56.00; 625-725# 51.00-55.00.

STOCK COWS: Few lot Medium Frame 1-2 and mostly middle-aged 725-925# 42.50-44.00; lot 710# 49.00.

Omaha Cattle

Thursday, May 28
Report supplied by USDA

Through midweek Steers and Heifers steady. Cows and Bulls steady.

Receipts through Thursday 10,625, last week 11,525, year go 11,925.

Enlarged post Memorial Day receipts proved burdensome and forced cattle prices sharply lower in Tuesday trading. However, a modest Wednesday supply forced buyers to compete actively for close-up salugther requirements; thus the market regained all the Tuesday decline. The number of yield grade 4 and 5 Steers and Heifers declined; while some increase noted in supply of Heifers weighing 850-925 lbs.

STEERS: Made up 47 pct of the week's receipts. Heifers 27 pct., Cows 9 pct., Feeders 13 pct.

STEERS: Earlier in week four loads Choice 2-3 1348 lbs. 67.75. At midweek load Choice, few Prime mostly 3 1160 lbs. 67.50. Choice 2-4 1050-1300 lbs. 66.25-67.00, load 67.25. Mixed Good and Choice 2-3 1000-1250 lbs. 65.25-66.25. Few Good 64.00-65.25. Mixed Good and Choice 2-3 and Good 1250-1500 lb. Holsteins 58.00-60.00.

HEIFERS: load Choice, few Prime mostly 3 1050 lbs. 66.50. Choice 2-4 950-1100 lbs. 65.00-66.00, load 66.25. Mixed Good and Choice 2-3 900-1050 lbs. 64.00-65.00. Good 61.50-64.00.

Average of LS-214 detailed quotations for Choice 900-1100 lb. Steers 66.25, 1100-1300 lbs. 66.50. Average cost Steers this week 64.92, average weight 1184 lbs. as compared 66.03 and 1181 lbs. a week ago. Average cost Heifers this week 64.38, average weight 999 lbs. as compared 64.94 and 1007 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 42.00-43.00, few high dressing 45.00. Canner and Cutter 40.00-42.00.

BULLS: 1-2 1200-1800 lbs. 50.00-54.00.

Oklahoma Cattle

Thursday, May 28
Report supplied by USDA

Thursday Feeder Cattle auction and weekly summary estimated receipts 4500, same day last week 5759. Active, Feeder Steers and Heifers over 500 lb. .50 cents to 1.00 higher, some sales 2.00 higher; offerings under 500 lb. in relative small supply and not fully established. Majority receipts Medium Frame No. 1 and Mixed No. 1-2 500-800 lb. Feeder Steers and 450-700 lbs. Feeder Heifers with part of these arriving from graze out wheat pastures and growing pens. Fairly large attendance buyers.

FEEDER STEERS: Medium Frame No. 1 few small packages 436-484 lb. 70.50-74.00; 500-600 lb. 63.00-69.10, package 530 lb. at 70.25; 600-700 lb. 63.00-64.70; 700-800 lb. 61.50-63.40, part load 741 lb. 64.40; few 800-869 lb. 62.20-62.60.

Large Frame No. 1 part load 680 lb. 62.80.

Small Frame No. 1 package 400 lb. at 65.25; few 544-715 lb. 59.00-62.50. Medium & Large Frame No. 1-2 565-700 lb. 60.50-63.25; 700-863 lb. 59.75-61.60. Large Frame No. 2 few 600-700 lb. 59.50-62.00; Holsteins: package 563 lb. 58.60; 718-833 lb. 51.75-54.30.

FEEDER HEIFERS: Medium Frame No. 1 few 338-448 lb. 59.20-61.00; 500-600 lb. 55.50-57.50; package 533 lb. 59.80; 600-700 lb. 55.50-58.55; few 716-774 lb. 57.10-58.40.

Large Frame No. 1 few 664-961 lb. 57.25-57.30.

Small Frame No. 1 389-645 lb. 53.00-56.25.

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Off the Sounding Board

By Sheila Miller, Editor

Getting along with city transplants

How well do you get along with your nonfarm neighbors?

This may seem like a strange question, but according to the recent National Agricultural Lands Study, by USDA and the President's Council on Environmental Quality, farmers may be faced with getting along with an expected 62-75 percent increase in suburban population by the year 2000.

The study also confessed that "the government contributes, sometimes inadvertently, to the conversion of farmland and noted a number of federal programs with the primary purpose of encouraging or aiding rural development."

The study also reported the unfortunate reality that many farmers are pulling up stakes and moving away from their city-transplant neighbors rather than trying to cope with the tensions arising from increasing numbers of nonfarm people living close to farms.

Many farmers are running away from local ordinances that bridle farming activities with rules about when, where and how to dry corn, spread manure, locate out-buildings, and the list goes on and on.

As the farmers vacate, new residents of Half-Acre Haven run for local political offices and relax on sun decks as their remaining farm neighbor sprays herbicide on newly planted corn or harvests grain with chaff and husks perhaps drifting onto a landscaped yard.

Suddenly, the newcomer to country-living decides something must be done to prevent the farmer from using those 'deadly' sprays so close to the home, and littering the lawn with corn fodder (even though enough stalks from the field somehow found their way to the front yard light pole to camouflage it for Halloween).

To help to make the country life 'safer' and more like their former abodes in the city, the transplants decide there should be better services and facilities for the township residents — like parks, minibuses, bike trails, street lights, sewer and water, and countless other 'necessities' for a civilized world.

It's not that these suburban luxuries are bad for country residents, it's just that they wind up meaning higher property taxes — and guess who owns the largest landholdings and winds up footing the greatest percentage of the bill for these leisure-time and safety benefits?

As in everything, there are exceptions to all rules for there are communities where suburban residents welcome the hard, sometimes aromatic, country life, and never raise a complaint. They respect the work of the farmer and even volunteer to help out when there's hay to get in and a storm brewing over the mountain.

Where is this utopia, some farmers might ask.

Instead of the cooperative suburban neighbor, they cope with folks who stomp down the alfalfa when their children lose a ball in the hayfield — and continue to 'search and destroy' even after the farmer entreats them to stop. Fact.

Or, how about the farmer who chased young children of a neighboring development out of his pasture field where he had some bulls grazing with steers. The children had somehow relocated the fencing and were teasing the cattle.

Were the parents thankful the farmer probably saved their children's lives? No, as a matter of fact, he received threatening telephone calls not to harass the kids.

And what did the parents do to the young boys caught building a 'green fortress' out of corn stalks yanked out row after row in the middle of a field? One boy was punished by having to volunteer his time during an afternoon's haymaking, while the other boy got off with a verbal reprimand.

Unbelievable — yes, but these things happen when people who are unfamiliar with farming and livestock move next door.

Some of the costly problems facing farmers are being solved through legislation such as the Ag Areas Bill designed to prevent nuisance laws from being passed and to allow ag districts to be formed.

Perhaps legislators should pass a law requiring all new country residents to take a 'short' course in farming so they have a better understanding of the investment of time, labor and money that each farmer has in fields, livestock, and buildings.

Or, perhaps this 'education' is up to the farmers — we've got the most to lose if we think ignoring our new neighbors will make them go away.

A mutual respect for each other and each other's property will go a long way in coping with the growing number of people moving to the country.

Besides, how much farther can we run?

Peepin' at the farm picture

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

ARE YOU BLEEDING?

May 31, 1981

Background Scripture:
Hebrews 10 through 13;
Devotional Reading:
John 17:1-11.

The other day was one of the times when it seemed, as the old saying goes, "I shoulda stood in bed." It was one of those days when, if something could go wrong it did. After experiencing blow after blow, I concluded that nothing else would go wrong because I had had more than my share of woe for the month in one day. "It wouldn't be fair for God to let anything else happen," I told myself.

Later, on reflection, I realized how stupid that reasoning is. Where did I ever get this idea about "my share"? What ever made me fall back upon what is "fair"? Whoever assured me that I would be asked to suffer just so much as a Christian and no more? Yes, things certainly did go wrong that day, but, despite everything, I had not been given a cross. And that, not a waterbed, is what Christ has promised us. "If any man would follow me, let him take up his cross..."

Consider Him

I should have not been so surprised myself for, as a pastor, I have heard very much the same thing from people over the years who have protested having more than their "share" of troubles, implying that God was not exactly being "fair" with them. I have reminded them that Christ promises us a cross and we need to consider what he himself endured for us. As Hebrews puts it, "Consider him who endured from sinners such hostility against himself, so that you may not grow weary or faint-hearted" (12:3). We have just been through an Easter season that reminds us once again that the victory of the resurrection morning comes only through the agony of Good Friday and the sorrow of Holy Saturday.

And, when you get right down to it, don't most of us tend to overdramatize our sufferings a bit? Yes, I had a bad day, but it was all a matter of perspective. At the end of that rough day I still enjoyed excellent health, I still was married to a wonderful wife, I was still employed doing the things I enjoy doing, a flip of the wrist would still turn on the record player and bring me Bach or Chopin, I still was a citizen of the USA, and on ad infinitum. As bad things seemed to be that day, the writer of Hebrews, had I turned to him, would have brought me up short with his reminder: "In your struggle against sin you have not yet resisted to the point of shedding your blood (12:4)!

For the Moment

Perhaps when we think that life has been particularly unfair we need to ask ourselves, "Yes, but are you bleeding?" Are we suffering anything that is as terrible as the cross? Are we really suffering, or just pouting because things haven't just gone our way?

The key is often one of perspective, taking the long viewpoint. As Hebrews puts it: "For the moment all discipline seems painful rather than pleasant; later it yields the peaceful fruit of righteousness to those who have been trained by it" (12:11).

Farm Calendar

Today, May 30

Bainbridge Mayfest, 4-9 p.m., Nissley Vineyards, Rt. 441, near Bainbridge.

Monday, June 1

Dairy Sanitation Conference, starts at noon, continues through June 4, I.O. Keller Conference Bldg., Penn State.

Tuesday, June 2

Cedar Crest Young Farmers 17th annual banquet, 7 p.m., Schaefferstown Fire Hall.

Franklin County Conservation District monthly meeting, 7:30 p.m., County Administration Bldg., Chambersburg.

Wednesday, June 3

Lancaster Conservation District Board meeting, 7:30 p.m., Farm & Home Center.

Friday, June 5

Delmarva Chicken Festival, Princess Anne, Md., concludes tomorrow.

Saturday, June 6

Mason-Dixon Polled Hereford Field Day, Stony Run Farm, Arthurdale, W. Va.

Pa. Sheep Field Day & Performance tested ram sale, 10 a.m., Meat Evaluation Center, Penn State. Sale at 2 p.m.

Strawberry Festival, Blevins Fruit Farm, 9 a.m.-5 p.m., Stewartstown, rain date on June 13.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Be Aware of New Imputed Interest Rates

The uncertainty as to when the new (higher) imputed interest rates that apply to deferred payments and installment sales agreements that failed to specify any rate of interest (or a very low interest rate) has now been cleared up.

After June 30, unless the stated interest rate for an installment sales is at least 9% simple interest, the imputed rate will be 10% compounded semi-annually.

This means that a 6% simple interest rate on an installment sale is and will continue to be accepted by the IRS through June 30.

It is also indicated that while certain "commonly controlled businesses" may be subject to higher imputed rates, the 9% minimum rate will be sufficient on sales of property between family members after July 1 when the new regulations become effective.

To Check Sprayer Calibration

The sprayer is a piece of equiment that is used quite heavily from spring till fall. Many complaints of poor chemical performance can be traced to poor sprayer performance. This is often due to poor calibration. Calibration simply means to apply a known amount of spray mixture to a known area.

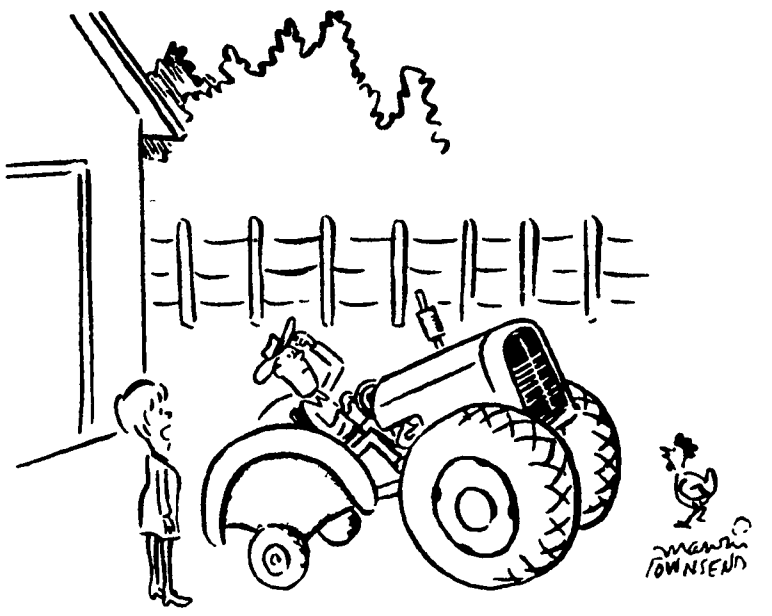
There are several methods used to calibrate a sprayer. The simplest is to travel over a selected area (about one-tenth acre) to determine the amount of water applied.

Measure off a strip that provides a known area. For example a 21-¾ foot boom traveling over a 200 foot course provides one-tenth acre. One-tenth acre for a 28 foot boom is 154 feet.

Next, fill the sprayer tank with

(Turn to Page A12)

HAY HAWS



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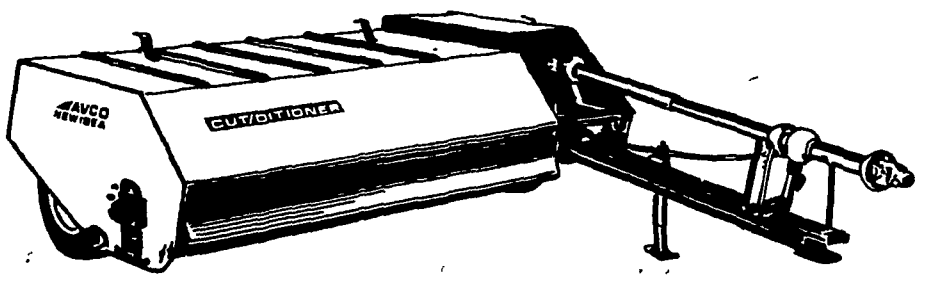

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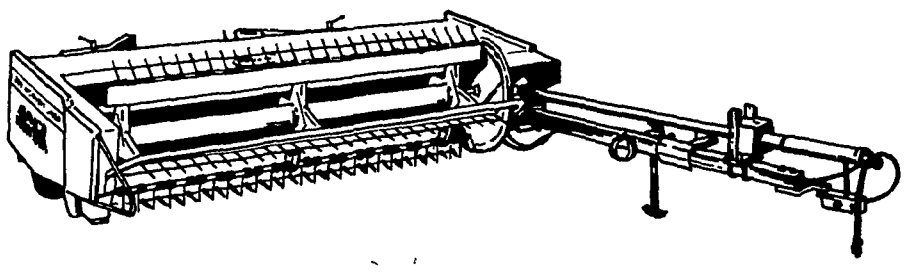

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Inspection due for riding arenas

NORRISTOWN — Most horse owners realize that the footing in their riding arenas is all-important to the health and well-being of their horses. According to Jim Gallagher, Penn State Extension animal scientist, now is a good time to inspect your outdoor arena for the quality of its footing and overall condition.

Horses that are worked consistently on rough, hard-packed or rocky ground can develop serious leg ailments, notes Gallagher, especially if the animals are asked to jump or maneuver at high speed. That's why the footing in an arena must be level, resilient and free of stones.

When the spring thaw arrives in earnest, survey the surface conditions of your ring, suggests Gallagher. Your inspection probably will reveal rocks of all sizes that seem to have appeared from nowhere. A rutted, worn track may surround the ring, collecting water to form perpetual mudholes. In general, the footing in your outdoor arena may be uneven and dangerous due to the freezing and thawing conditions common in winter.

The first task is to remove the loose stones, a fairly simple but time-consuming job, continues Gallagher. If large rocks or boulders have surfaced over the winter, dig them out and pack clay or cinders in the holes.

Next, decide if your arena should be resurfaced. Gallagher says it may be enough to rake the area with a harrow a few times to loosen and level the surface. On the other hand, you may need to incorporate four or five inches of sand in the area to improve the footing.

He notes that plowing up hardpan provides only temporary improvement because the soil will pack down again quickly once you begin using the arena. Sand, however, will drain well and remain loose and light if you harrow it regularly.

You may have to wet down sand occasionally in the summer to reduce dust, says Gallagher. Or you can achieve the same effect by applying oil to the surface two or three times a year.

To conclude your arena inspection, walk around the edge and make sure all the boards or rails are sturdy and free of large cracks, recommends Gallagher. Replace boards if necessary. Pound in nails that have worked loose.

Consider adding a perspective, smooth board rail at the height of a mounted rider's knee, suggests Gallagher. Also, repair sagging gates.

If you take the time to inspect your outdoor riding arena, it will serve you and your horses well throughout the summer, concludes Gallagher.

Seeds must respond to economic times

KALAMAZOO, Mich. — Development of dramatic new seed varieties and hybrids will be one result of the widespread economic transition being experienced by agriculture.

Jim Fetrow, general manager of Asgrow Seed Company's U.S. agronomic operations, made this observation in a recent presentation to Asgrow executives at company headquarters in Kalamazoo, Mich.

In an age of skyrocketing energy costs, high interest rates, decreasing water supplies and reduced government price supports, Fetrow foresees new pressures being placed on seed companies to develop new varieties that will help farmers solve some of these tough economic problems.

For example, he pointed out that increasing energy costs will cause fertilizer expenses to increase at an alarming rate.

"If natural gas is completely deregulated, anhydrous ammonia costs could quadruple," Fetrow said.

"As a result, seed companies will need to make advances toward hybrids and varieties that are more efficient users of fertilizers," he explained. "We'll need soybeans that will fix more nitrogen, causing higher yields for the beans and leaving more residual nitrogen in the soil for the following corn crop."

In addition, he said that seed researchers will be giving priority to corn hybrids that dry down rapidly in the fields, without yield losses. This could greatly reduce artificial drying costs.

Fetrow also said that crops could potentially be major contributors directly to U.S. fuel supplies.

"Soybean oil and sunflower oil can be burned in diesel engines," he said, "so research on varieties that have a high oil content is receiving priority. This may, in fact, be a more practical solution to the fuel problem than alcohol from corn."

Soil and water conservation is becoming another priority problem in agriculture, and Fetrow also foresees new varieties and hybrids being developed to help solve these problems.

"More than 50 percent of all tillable land has a serious erosion problem," he said. "This means a loss of more than 5 tons of soil per acre per year.

"And soybeans are one of the biggest culprits," he added. "It's estimated that one third of all soybean acreage—over 20 million acres—have soil losses ranging up to 50 cents per acre per year.

"At Asgrow, we're attempting to respond to this problem by development of hybrids and varieties that have exceptional early vigor, compared to those in use now. The result of this research may well be the development of soybean varieties and corn, and sorghum hybrids that will grow and yield well in minimum tillage situations."

All in all, Fetrow foresees a strong decade for agriculture, once it's through the current transitional period.

"We're currently undergoing a change from "40 years of surpluses" into a "yo-yo-ing" situation of alternate years of prosperity and gloom," Fetrow said.

"But operations with a sound financial base are weathering the storm quite well," he added. "In fact, many have become even stronger as a result. When this period is over in the early 1980s, there will be a trend toward consistent prosperity in agriculture," Fetrow predicted.

OUR READERS WRITE

Dear LF:

On behalf of the Lancaster County Conservation District, I would like to commend you for the excellent coverage of Soil Stewardship in the May 23, 1981 issue. I am totally in agreement with your editorial where you say many "modern" farmers have failed to get the soil conservation message. Hopefully, your articles will get more farmers interested in soil and water conservation.

As you know, we have planning and technical assistance available, free for the asking.

Yours for a better environment,

Aaron Z. Stauffer,
Chairman, L.C.C.D

Now Is The Time

(Continued from Page A10)

clean water to a known level. Then travel over the course at the desired rate of speed. Make sure you are up to full speed by the time you turn the spray on at the beginning of the course. Measure the amount of water applied by placing the spray tank in the same position and refilling to the same level.

Most wettable powders and emulsions call for 15 to 30 gallons of water per acre for good coverage. This means you should have applied 1½ to 3 gallons on the one-tenth acre plot.

It's very important to thoroughly check your sprayer before mixing expensive chemicals and starting into the field.

To Fertilize Alfalfa

Alfalfa is an important crop in our livestock program and every effort should be taken to maintain a healthy stand. This would include top-dressing, at least once a year, with a phosphorus-potash fertilizer to replenish the roots with these two major elements.

A very good time to make this application is after the removal of the first cutting. A well fertilized stand of alfalfa can withstand insects and other abuses much better than one lacking fertilization.

Keep in mind that the first cutting of alfalfa removes about one-half of the tonnage produced on an acre for the year, so a lot of plant food is used-up in the first cutting.

To Check for Ticks

The tick season is here. These pests may be on almost any dog or person that walks through uncultivated fields or woody areas from May to September.

Ticks await their victims on low-growing shrubs and on tall grass. They attack to, and feed on the blood of dogs, humans as well as many other animals.

There are two common kinds of ticks, the American dog tick and the brown dog tick. Both are brown, but the American dog tick has a mottled white shield on its back. The brown dog tick is a household pest and cannot survive our winters outdoors.

To control the American dog tick, first clean the area of tall grass and weeds on which the ticks await their victims. Also treat bushes 20 to 30 feed on either side of paths with either Sevin, Diazinon or Lindane. The dog should also be treated with a 5 percent Sevin dust at weekly intervals or as needed for control of either the American dog tick or the brown dog tick.

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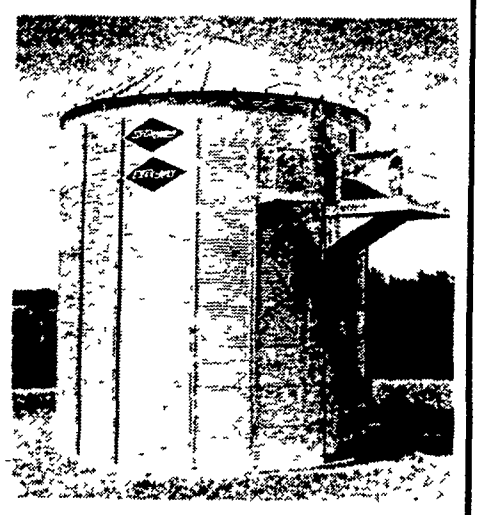

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Farm co-op business at record high

WASHINGTON, D.C. — U.S. farm cooperatives' 1979 combined business volume of nearly $56.3 billion was a record high, even though the number of cooperatives continued to decline, according to a U.S. Department of Agriculture official.

Randall Torgerson, administrator of USDA's Agricultural Cooperative Service, said the business volume was 29.1 percent higher than for 1977 and resulted from higher prices for many farm products marketed by cooperatives and for certain farm production supplies sold by cooperatives.

He said the number of cooperatives dropped from 6,736 to 6,445 and memberships declined from 5.8 million to 5.7 million.

Torgerson said beginning with this 1979 report, USDA will compute annual figures on a calendar year basis. In the past data were collected for cooperatives' fiscal years ending between July 1 and June 30.

Figures in the 1979 report are compared with 1977 figures for three reasons: The change in reporting years caused some 1978 figures to be omitted; a new computer system allowed USDA to gather 1979 figures more quickly than those for 1978; and because 1977 is the latest year for which there are published figures.

Total cooperative business volume consists of three components: marketing (the value of farm products sold); farm supplies (sales of fertilizer, chemicals, fuels, feed and other inputs to members and patrons); and receipts from related services such as trucking, storage, ginning, and drying.

Marketing volume, up 29.7 percent from 1977, totaled $41.7 billion. Marketing of all farm products increased with grain, the leading farm product, stock and livestock products, up 63 percent; miscellaneous products (hay, forest products, etc.), up 56.7 percent; and fruit and vegetables, up to 37.7 percent.

Farm supply volume of $13.5 billion increased mainly from increased sales of petroleum products, feed and fertilizer. Petroleum products rose 52.2 percent, to $3.8 billion; feed, up 12.5 percent, to $3.2 billion; and fertilizer, up 13.5 percent, to $2.8 billion. Other supplies (small hardware items, etc.) and farm machinery and equipment both showed an increase of 37.7 percent; and farm chemicals went up 36.8 percent.

Volume of other services related to the farm business rose to nearly $1.1 billion, an 18 percent increase over 1977 volume.

The leading state in combined marketing, farm supply, and related service volume handled by cooperatives was Iowa with nearly $4.9 billion, or 8.6 percent of the total. Minnesota ranked second, with nearly $4.3 billion and 7.6 percent. California followed closely with $4.2 billion and 7.5 percent.

The decrease of 291 cooperatives between 1979 and 1977 reflects the continuing trend of merger, consolidation, and acquisition, Torgerson said. This decline also resulted from an intensive effort to contact cooperatives that had not responded during recent surveys. In many cases, these organizations had been discontinued or no longer were operating as a cooperative, he said.

Minnesota continued to have the most cooperatives with 741. Other states, in order, were North Dakota, 431; Texas, 411; and Wisconsin, 410.

The national membership total of 5.7 million exceeds the number of U.S. farmers because some farmers belong to two or more cooperatives. The 1979 membership total was down 1.2 percent from 1977 membership, reflecting in part the continued reduction in the number of farms and farmers.

Minnesota had the most co-op members with 551,666. Other states, in order, were Wisconsin, 347,965; Iowa, 322,759; and Illinois, 311,663.

Pa. egg production up

HARRISBURG — April 1981 egg production in Pennsylvania totaled 356 million, according to the Pennsylvania Crop Reporting Service. This was one percent above the 535 million eggs produced in April 1980.

The April average of 16.4 million layers was one percent above a year ago. Egg production per 100 layers was 2,174 compared with 2,167 in April 1980.

The nation's laying flocks produced 5.72 billion eggs during April 1981. Less than one percent above a year ago. The number of layers for April averaged per 100 layers during the month was 2,018 compared with 2,023 a year ago.

These young replacement heifers are outside enjoying the spring sunshine on the Donald Duncan farm, Berks County.

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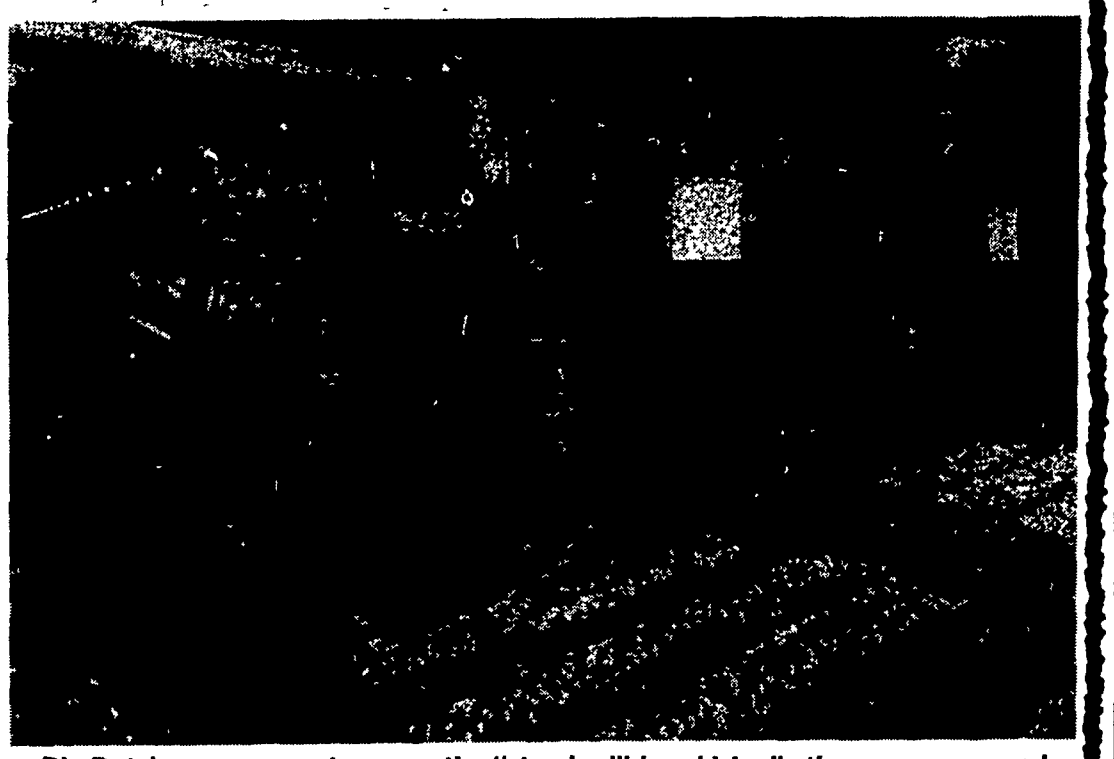

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Cattle crossing jitters?

Dairy farmer Mervin Weaver, Lititz, takes his milking herd across heavily traveled Route 501 four times a day. To help him get his herd safely across the busy highway, Weaver turns on an electric cattle crossing sign, equipped with flashers.

Standing in the middle of the road with red flag holding up traffic, Weaver says he's grown up with having to take the cows across Rt. 501 and doesn't think too much about it.

Once the cattle are safely across, Weaver heads to turn off the crossing sign as the cows make their way to the barn. The dairy farmer admits he's had some close calls already with cars and cows.-SM

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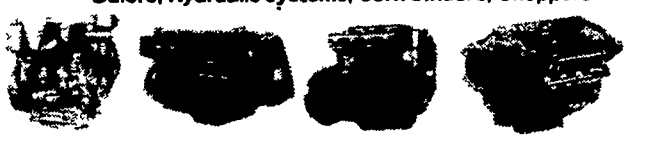

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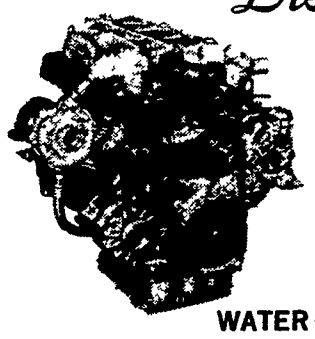

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Food-industry charges on rise

WASHINGTON, D.C. — Food-industry charges for handling, processing, and retailing food products rose substantially in the 1981 first quarter, according to USDA economists.

The farm-to-retail price spread, a measure of these charges, rose to 4.6 percent from the previous quarter, accounting for all of the 1.9-percent increase in the retail cost of the market basket, a fixed quantity of domestically produced farm foods.

The farm-to-retail price spread is expected to rise during each remaining quarter of 1981, although the gains will likely be much smaller than in the first quarter. This forecast anticipates that increases in the farm value of foods will make it more difficult for the food industry to raise margins and that marketing cost increases will moderate.

For all of 1981, the farm-to-retail price spread for the market basket may average 11 to 12 percent above 1980-much higher than last year's 8.4-percent rise.

The large increase in the price spread during the first quarter accompanied a decline in farm value. Once farm prices decline, there is a lag before the changes are reflected in retail prices; therefore, the farm-to-retail price spread widens in periods of declining farm prices.

Moreover, the pricing policies of food retailers and manufacturers may permit margins to widen during short-term declines in farm prices. Similarly, the farm-to-retail spread may narrow temporarily when farm prices rise sharply, which is what happened during the third quarter of 1980.

This pricing policy minimizes food price changes and, thus, consumer reaction to prices. These price adjustments generally take place around a steady upward trend in the costs of food marketing.

The first-quarter price spread for the market basket was 10.7 percent larger than a year earlier. This increase mainly reflects the rising costs of the food industry, including wages and benefits of workers and prices of many inputs bought by food processors and retailers from the nonfarm economy.

The marketing cost index, measuring price changes for inputs used in food processing and distribution, averaged nearly 12.5 percent higher than a year ago in the first quarter. Prices of marketing inputs which include a broad range of goods and services, have closely followed those in the general economy.

Prices of food marketing inputs are expected to rise further during 1981 because of continued inflation throughout the economy. Food industry workers are likely to seek higher wage increases to offset inflation. The union representing food retailing employees believes that wage demands in 1981 will approach 10 percent or slightly more compared with the average wage settlement of about 9 percent last year.

However, wage bargaining in food retailing will be comparatively light this year, with about 200,000 workers covered by 32 major agreements, involved. Much of this year's wage increase will stem from wage increases under old contracts from the cost of living adjustments tied to the Consumer Price Index.

Although food industry costs are rising, profit margins in 1981 are expected to average near the 1980 level and the average for the last 3 years.

According to data compiled by the Federal Trade Commission, food retailers' after-tax profits in 1980 averaged 0.9 percent of sales and 13.7 percent of stockholders' equity, compared with 1.7 and 13.3 percent, respectively for all retailers. Food manufacturers' after-tax profits averaged 3.4 percent of sales and 14.7 percent of stockholders' equity, compared with 4.9 and 14.0 percent for all manufacturers.

Food industry profit margins had declined in the second and third quarters of 1980 because of the recession, but they improved substantially in the fourth quarter as food store sales rose seasonally and farm prices leveled off.

First-quarter profit margins probably declined seasonally from the fourth quarter of 1980, but likely equaled or slightly exceeded a year earlier—reflecting the weakness in farm product prices.

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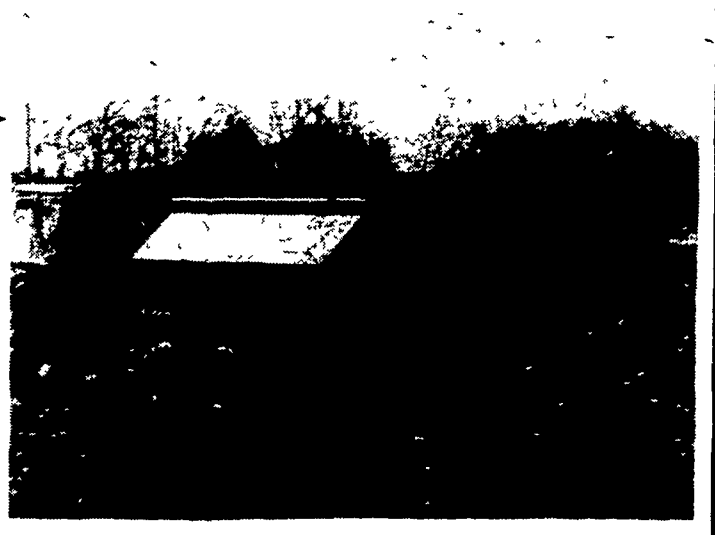

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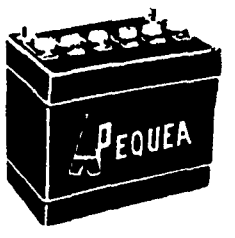

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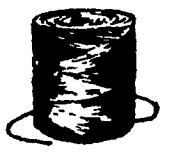

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Elevator task force reports tentative findings

WASHINGTON, D.C. — Tentative findings of the U.S. Department of Agriculture's elevator task force executive committee were presented to the Senate Judiciary Committee on May 18 by Ray Lett, executive assistant to Agriculture Secretary John R. Block.

Lett, who chairs the committee formed last February, said the approach to problems of grain elevator bankruptcies should involve efforts by both the federal and state governments.

He ruled out establishing a new federal agency and also said revision of federal bankruptcy laws would not be a total answer.

"These laws are aimed at solving the problem after it happens," he said. "We're concentrating more on preventing it in the first place."

Options being considered are:

—more active USDA involvement when bankruptcies are threatened;

—amending the Commodity Credit Corporation's standards of approval for warehouses to require submission of an unqualified financial statement prepared by an independent certified public accountant;

—increasing net worth and performance bond requirements;

—requiring warehouses to be licensed under the U.S. Warehouse Act provisions or by a state which has laws and regulations comparable to the Act, as determined by USDA's Agricultural Marketing Service; and

—focusing USDA attention on areas where inadequate state legislation or enforcement exists.

Lett said some options could be handled administratively, while other options would require new legislation.

Winter wheat crop is bin buster

WASHINGTON, D.C. — The nation's winter wheat crop is expected to be another bin buster.

The USDA's Crop Reporting Board puts the expected harvest at just above 2 billion bushels.

The anticipated harvest of 2.08 billion bushels would be 10 percent higher than last year's crop and up some 30 percent from the total harvested in 1979.

It would be a record high crop for the second straight year.

Two reasons are accounting for the expected bumper harvest, according to the USDA. The total of harvested acreage is higher and the yields per acre are seen at near-record levels.

Winter wheat acreage is set at 57.8 million, a sizable increase from the 51.5 million acres harvested last year and a substantial jump from the 43.4 million acres cut in 1979.

The 57.8 million acres for 1981 is the largest number of acres in winter wheat since records started being kept back in 1929.

The yields per acre are expected to range from 20 bushels in the arid sections of New Mexico to 76 bushels in the irrigated areas of Arizona and California. The national average is expected to be 36 bushels per acre. At that level, it would be the third highest on record, below only the 36.9 bushel average of 1979 and last year's average of 36.8 bushels.

Catalogs available for Expo

LOUISVILLE, Ky. — Orders for 1981 Premium Catalogs for the North American International Livestock Exposition are now being taken. The announcement was made by Harold Workman, Manager of the Expo.

Premium catalogs will be mailed beginning July 1.

When making the announcement, Workman noted that early placement of premium catalog orders will assure early delivery to those interested.

Premium catalogs for the North American International Livestock Exposition are free on request.

A general guide to all activities during the giant expo, the premium catalog offers a wealth of information pertaining to all show rules and regulations, health requirements, premiums and general schedule of events. The book is the only comprehensive volume which will be available prior to the exposition this fall. During events of November 7-20, supplemental breed catalogs will be made available.

Premium catalogs may be obtained by contacting: North American International Livestock Exposition, Box 36367, Louisville, KY, 40233, Phone: 502/588-3166.

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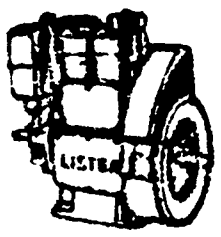

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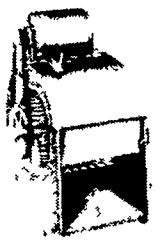

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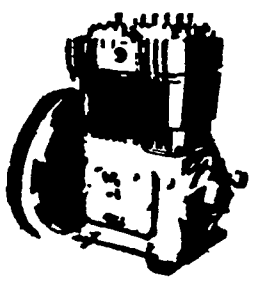

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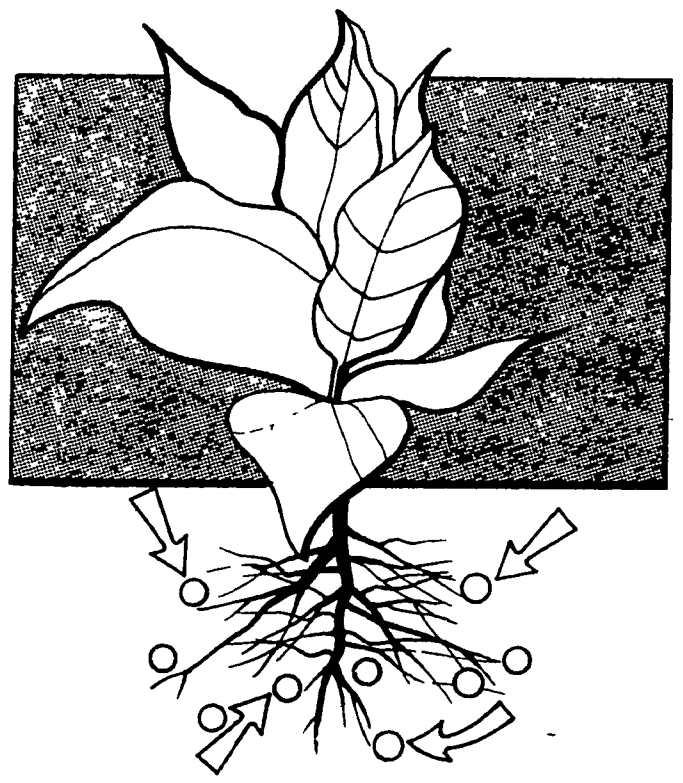

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Chester Equine Council holds first meeting

KENNETT SQUARE — "The horse and its support industries represent a 12 million dollar yearly investment in Chester County. Horsemen must work together locally and on the county level to make the public and government leaders aware of the needs and importance of the horse industry in Chester county," urged Leslie Sharpnack, president of the newly formed Chester County Equine Council, addressing sixty-five county horsemen recently in a meeting at New Bolton Center.

Citing the 1978 Chester County census, Sharpnack pointed out that, in a time when agricultural farms are decreasing in Chester County, horse farms are on the increase, showing a growth rate of 35 percent between the 1974 and 1978 census. With an increasing horse population comes a demand for hay, bedding, feed, equipment and farm supplies, also for the services of veterinarians, farriers, equine trainers, riding instructors, farm workers — all of which broadens the job market in Chester County.

Historically Chester County, has always been one of the major horse areas in the East. It boasts one of the finest equine medical centers in the nation, has one of the top polo teams in the states, hosts annually one of the largest outdoor shows in the world, one of the toughest steeplechase races in the U.S., has the only internationally sanctioned three-day course in the U.S., one of the top dressage shows in the nation, a major driving show, several endurance rides and an outstanding regional breed show for Arabians. Both recognized and unrecognized hunts meet regularly within the county, providing enjoyment for participants and spectators alike.

Mares and foals graze in lush meadows of breeding farms which dot the county. Riding schools, pony clubs and 4-H groups prosper, training Olympic hopefuls, potential foxhunters and trail riders alike. Scores of horse shows, hunt races, combined training events and organized trail rides raise thousands of dollars for both private and public institutions in the area.

Taken together horse activities provide a powerful thrust for the county in civic, economic and agricultural growth.

The Chester County Equine Council was formed in January, 1981 in conjunction with the Chester County Cooperative Extension Service. It will act as an umbrella organization working with all facets of the Chester County Equine Industry to serve the needs of horsemen.

Council committees will research and develop programs to educate the public and governmental decision-makers of the needs of horsemen in Chester County, such as establishing or preserving trial networks, affecting legislation which will aid horse interests, or working with humanitarian groups to help horses subjected to abuse of any kind. The Council will work with other trail or open space groups to preserve farmland being lost to creeping suburbanization in many areas of the county.

Officers and board members of the C.C.E.C. are: President Leslie Sharpnack, West Whiteland; Vice President Sabrena Paaby, Charlestown; Secretary Cooky McClung, West Pikeland; Treasurer Pat Theurkauf, West Pikeland; Valerie Kanavey, West Vincent and Lisa Knox, Pocopson. Sandy Shuman, East Coventry, will act as Trail Coordinator, Phebe Hepburn, West Vincent, will be in charge of membership and Ira Hicks, East Goshen and Marshall Jones, Westtown, will act as liasons with the Chester County Agricultural Development Council.

A membership drive is underway with adult membership $5 per year and Junior membership for those under 18 $2.

For further information on the Chester County Equine Council contact Cheryl Moran County Agricultural Agent for Chester County Cooperative Extension Service, Paul B. Dague Bldg., 235 W. Market St., West Chester, Pa., 19380 or call 215/696-3500.

Bender gets station post

COLLEGE PARK, Md. — Filmore Bender has been appointed Associate Director of the Maryland Agricultural Experiment Station and Associate Dean of the College of Agriculture, University of Maryland.

Lamar Harris, director of the Agricultural Experiment Station, said, "Dr. Bender's many years of experience in research as an agricultural economist and his experience in the classroom give him an excellent background for this position."

Earl H. Brown, Dean of the College of Agriculture, explained that Bender will serve as liaison between the College and the Experiment Station, and will coordinate research activities with those in teaching and Extension.

Bender, a professor of Agricultural and Resource Economics at the University of Maryland, has had assignments in both research and teaching since he came to Maryland in 1964. His courses on both the undergraduate and graduate level have dealt mostly with business management and systems analysis in the food production, processing and marketing industries.

Research projects headed by Bender include an economic analysis of contract production and marketing of broilers and eggs, and in-depth studies of the food service systems of the armed services.

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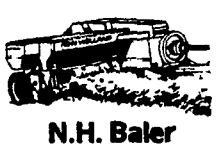
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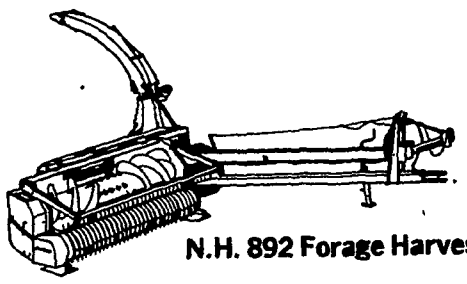
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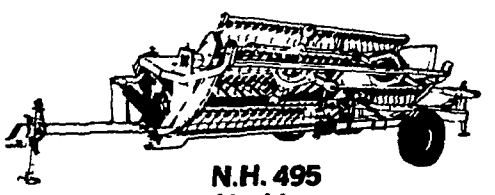
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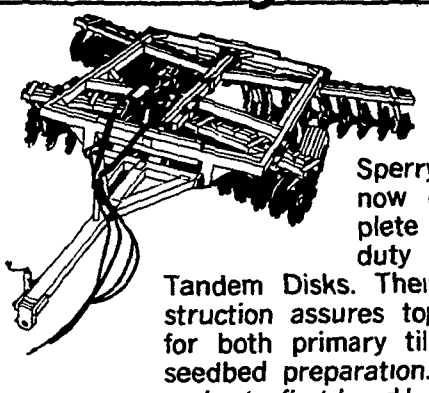

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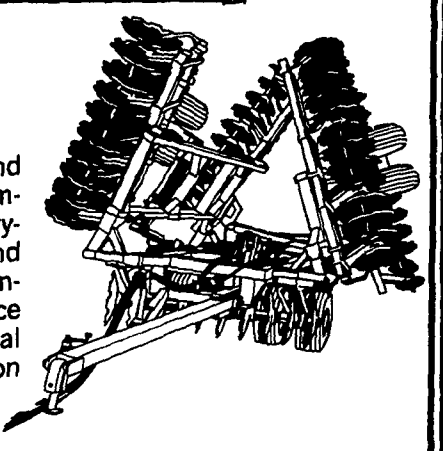

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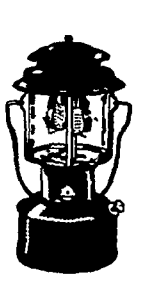

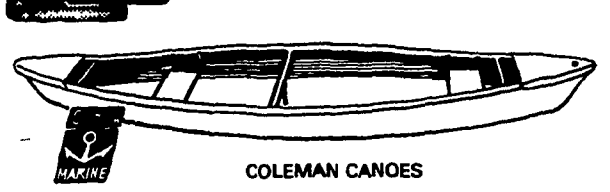
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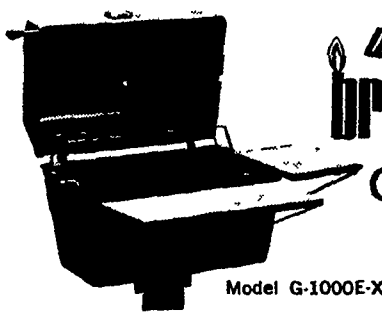
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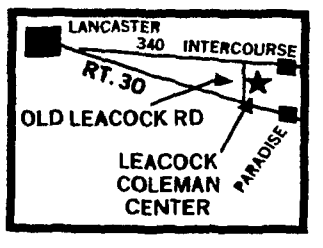

Weather to influence meat, crop markets

WASHINGTON, D.C. — Meat supplies and crop prospects will be especially sensitive to weather this year because of moisture deficits from last year's drought. The expected drop in red meat supplies and consequent upward pressure on prices of meat and poultry rests partially on the expectation that nonfed slaughter will decline.

Likewise, because of the moisture deficit and tight stocks of several crops, crop prices will be volatile as weather and growing conditions develop through the summer.

Wheat

Wheat prices have remarkably steady considering the generally favorable growing conditions of Northern Hemisphere wheat crops. Short-term price adjustments now await weather developments, particularly rainfall, to determine the size of the 1981 U.S. wheat harvest.

Slowing demand in the last 3 months induced heavy movement, nearly 125 million bushels, into the grain reserve. The large proportion of yearend stocks expected to be in the reserve (nearly two-thirds) may help to support market prices.

Feed Grains

Good weather may have encouraged some extra planting of corn relative to soybeans. Subsoil moisture remained low in many areas, particularly the southern portion of the Corn Belt.

Soybeans

Weak demand for soybeans and products is causing overall use to continue downward. Reduced demand from the hog sector led to lower-than-expected domestic use of soybean meal.

Because of weak demand for soybean products, partricularly oil, and lower product prices relative to beans, crushing margins have been unfavorable. As a result, soybean processors have slowed their domestic crush.

Lower-than-expected domestic use for soybean meal and oil and reduced exports of soybeans and products are currently in prospect.

Cattle

Nonfed slaughter has slowed as spring grazing began and the last of the wheat-pastured cattle came to market. However, weather will remain a key element and could force nonfed slaughter to rise unless depleted moisture levels are replenished.

Prices of Choice fed steers at Omaha are forecast to average in the low-to-mid $70's this summer. Price increases will be the sharpest during June through early August as total meat supplies decline further and the economy begins to strengthen. However, feedlot returns are expected to remain below total costs this summer.

Feeder cattle prices will stay down because of high feed costs and interest rates. Lower interest rates, improved moisture conditions, and stronger fed cattle prices would strengthen feeder cattle prices; however, large cattle feeding losses over the past year and a half will force feeders to be cautious in bidding for replacement cattle.

Hogs

Second-quarter commercial pork production is forecast 7 to 9 percent below last year. Expected lighter hog marketings in June along with reduced beef supplies may boost average hog prices.

Hog slaughter in the second quarter will be drawn mainly from the March 1 inventory of market hogs weighing 60 to 179 pounds. There were 7 percent fewer hogs in this weight category than a year ago.

Hogs to be slaughtered in the third quarter will be drawn largely from the market hogs weighing less than 60 pounds on March 1, which numbered 11 percent fewer than a year earlier. Third-quarter pork output is expected to be 6 to 8 percent below last year. With the expected drop in slaughter, hog prices may average in the low-to-mid $50's.

Milk still flows at record pace

WASHINGTON, D.C. — There was no break in the record-setting pace of milk production during April, according to the USDA.

April's milk output nationally was set at 11.54 billion pounds.

–That's up five percent from production in April, 1980.

–And it's a whopping nine percent above April, 1979.

–Also, it's a record-breaking April, topping the previous April high set back in 1964 by nearly two percent.

This marked the 10th straight month of record output, a string of monthly production breakers that began last July and has continued ever since.

The reasons for the continued record production are simple. There are more cows being milked and each, on the average, is producing more milk.

The number of dairy cows on farms during April was set at 10,865,000. That's one percent higher than a year earlier and 1.3 percent higher than two years ago.

The increase in the national dairy cow herd began 15 months ago and each month since has been higher than the corresponding month a year earlier.

Production per cow now ranges from 780 lbs. in Alabama to 1,320 lbs. in California, with a national average of 1,063 lbs. The national average is up some 41 lbs. from a year ago.

Pennsylvania still ranks fifth in production. April's milk output in the Commonwealth was 741 million lbs., which was seven percent higher than a year ago.

Wisconsin still ranks well at the top with 1.98 billion lbs. in April – an increase of one percent over last April.

California at 1.21 billion lbs. was up eight percent.

New York's production in April was set at 990 million lbs., which is an increase of three percent over last year.

And Minnesota showed a 10 percent increase over last April with 945 million lbs.

These five states account for half of all the milk produced nationally.

April figures brought output for the first four months of 1981 to 43.8 billion lbs. THat's an increase of four percent over the same period last year.

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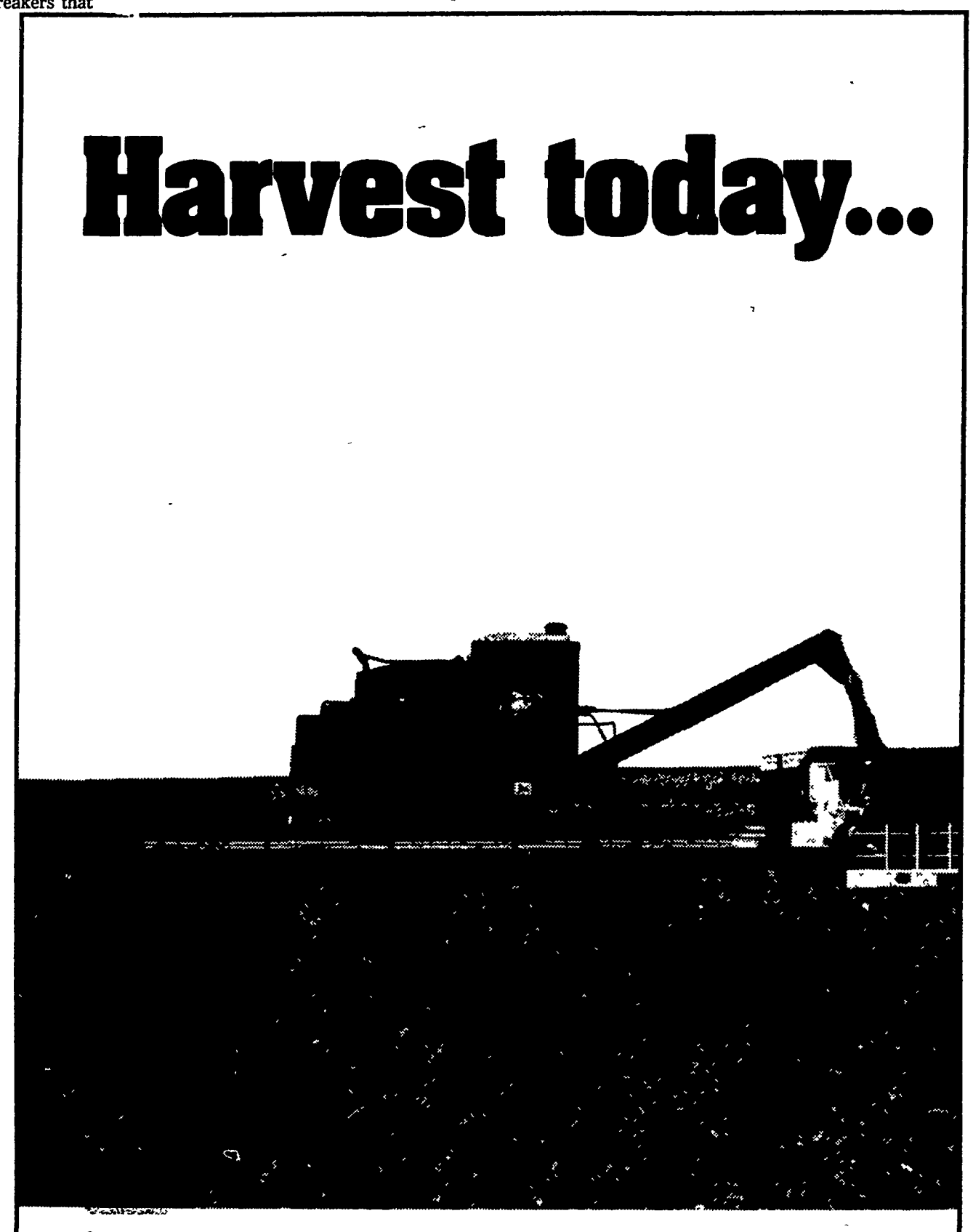

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Boyertown tour features old farmhouses, mills

BOYERTOWN — The Boyertown Area Historical Society will hold its first Old House Tour on Sunday, June 21st from noon to 5 p.m. including visits to large farmhouses and former mills.

Organizing the tour are Mrs. Richard Groff, chairman, Mrs. Michael Butler and Mrs. E. Kenneth Nyce.

The tour covers 10 private residences and one church, all in the Boyertown area. Open that afternoon will be the Most Blessed Sacrament Church, Bally, which dates to 1743. This historic Church maintains an excellent museum, and organist William Nash will be playing the Church's renowned Krauss organ.

Several of the private homes on view were formally commercial or public structures. The home of Mr. and Mrs. Bruce Sands was a one-room schoolhouse, and the Victorian style home of Mr. and Mrs. Ellis Westervelt was the railroad depot at Barto.

Other homes on the tour are typical Pennsylvania farmhouses, sturdy stone or brick structures. Among them are the 22-room home of Mr. and Mrs. LaVerne Moser; home of Mr. and Mrs. Lawrence Jilks, which has six fireplaces; and the home of Mr. and Mrs. Charles Haddad, which has an early springhouse.

Several tour sites combine 19th century architecture with innovative 20th century additions, including the home of Mr. and Mrs. Harry Duft, one of the oldest on the tour; the creatively landscaped home of Mr. and Mrs. Bernard Gladieux; the home of Mr. and Mrs. Jake Lea, which has a solarium connecting the original 1856 house to a mdoern addition.

Two of the sites involved mills. One is a former grist mill, now the home of Mr. and Mrs. Frank Romaker, and the other, the home of Dr. and Mrs. Michael Butler, features an 1861 grist mill and eight-sided beehive.

The tour includes buildings that span several centuries and encompasses a number of architectural styles. Ticket are $5 and should be purchased by June 15. Send checks to Mrs. E. Kenneth Nyce, R1 Franklin St., Bechtelsville, Pa. 19505. Refreshments will be available for an additional $2 donation. Proceeds above costs benefit the Boyertown Area Historical Society.

This Victorian home of Mr. and Mrs. Ellis Westervelt, which will be included in a tour of old houses in the Boyertown area on June 21, is the former railroad depot at Barto.

Weeds will tell

FAIRFAX, Virginia — Have you done a good job of liming? Have you applied enough lime? Was it spread evenly? Weeds can help to give you the answer to these questions.

During the next two months walk over your fields and look for weeds. Look for a pattern of growth. Is the field weedy all over or do they grow in strips? Do you find the weeds on the knoll or high spots but not in the low areas?

The pattern of weed growth can tell you something about your liming program. An under-limed field will tend to be weedy all over. Also, weeds appearing on knolls but not elsewhere can be an indication of under-liming. A poor job of spreading may result in weeds growing in strips.

But don't jump to conclusions, look carefully and study the area. The same conditions can be caused by a poor job of spraying herbicides. Spraying skips leave weeds in strips. Low spraying rates, too little or too much pressure, and of course, using the wrong material will result in poor weed control.

Many herbicides are "deactivated" by acid soils. Therefore, even though you do everything right in spraying you may get poor results. Take a soil sample from those areas where weed control is poor. Have the soil tested for acidity. The answer can help you do a better job next year.

Honey unit to meet

MANHEIM — The Lancaster County Honey Producers Association will meet on Thursday, June 11, at the home of Dan Fitzkee along Hosler Road in Naumanstown, near Manheim.

Hives will be opened at 6:30 p.m. A business meeting will be held, along with a discussion of summer management and honey removal. All interested persons are invited to attend. Bring a lawn chair.

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Agronomist claims foliar fertilizer n

NEW YORK, N.Y. — It could be several years before agricultural authorities include foliar fertilizers in their official recommendations for corn and soybeans.

Nevertheless, many progressive and curious farmers continue to spray their corn and soybeans, often treating a few more acres per year as results become more consistent.

Manufacturers also remain optimistic. The Allied Corporation (formerly Allied Chemical Corporation), for instance, is now in the midst of a $1.5 million research program aimed at perfecting the technique.

"The question today is not whether foliar fertilizers should be used, but how and when to use them to their best advantage."

The corporation recently reaffirmed its confidence in foliar feeding by acquiring from Iowa State University residual rights to a patent on use of certain foliar fertilizer solutions which increased yields dramatically in a 1976 study.

Sales activity also reflect enthusiasm among farmers. According to Allied, demand for its foliar fertilizer (12-4-4-.5S) has been increasing annually in the United States. And large volumes of micronutrient sprays such as NZN, NMG and NFE also are being used to boost yields or, sometimes, prevent yield losses.

Foliar fertilization is not just a concept for the future, proponents claim. So far the technique has proved to be a sound and relatively consistent practice on vegetables, tree fruits, nuts and turf.

But, experts say, more field trials are needed before foliar fertilizers can be used with the same level of confidence on soybeans. Finding out why they produce tremendous yield increases in one plot and not another—or why they work one year and fail the next—is the objective of researchers and farmers across the country.

"The question today is not whether foliar fertilizers should be used, but how and when to use them to their best advantage," says agronomist Don Johnson of Allied. "The concept's growth has come from those farmers and researchers who have studied it carefully, and then followed a well-planned, practical approach to field selection, environment, application timing and technique."

Not many plant physiologists dispute the logic behind foliar feeding. The idea is to apply the solution directly to the foliage so the plant can absorb nutrients at a critical stage of crop development.

Unlike soil-applied fertilizers, foliar sprays do not come in contact with compounds that break down or tie up nutrients. It has been estimated that as much as 85 percent of the total plant food in a foliar spray is utilized by the plant. (Efficiency standards for soil-applied fertilizers are sometimes as low as 10 percent and rarely exceed 70 percent.)

According to Johnson, who has been closely involved with the technique's development, foliar sprays work best when used on crops that already have high-yield potential.

"They make a good crop better by giving it an extra kick prior to seed or pod filling," he explains. "If all goes well, yield increases of 10-30 percent are quite possible."

Determining whether or not a crop has high-yield potential requires more than a windshield survey from a pick-up truck. Johnson urges farmers not to be fooled by a crop's cosmetic beauty and to examine plants thoroughly before spraying.

"You might have the prettiest field of corn or beans in the county, but that's no guarantee the crop has high-yield potential," the agronomist warns. "You have to get out in the field, make sure you have a good stand and population, and check to see if the crop is at the right stage of development to receive a foliar spray."

For example, spraying foliar fertilizer on soybean plants not having a good pod set would do little, if anything, to increase yields, he says. Pods at the base of the plant should be plentiful, and the fertilizer should not be applied until pods form on the upper podes—usually when they are .25 to .75 inch long.

"They make a good crop better by giving it an extra kick prior to seed or pod filling."

In field corn, foliar fertilizer should be sprayed after pollination and before early-dough stage. (Be sure to check the product's specific application guidelines.)

Environmental factors and time and method of application also are critical when using foliar fertilizers. Agronomists involved with Allied's research project for foliar fertilization, now underway with various land grant institutions in the United States, hope to fine tune these variables. Meanwhile, Johnson advises farmers to think before they spray and avoid applications during extremes in the weather.

"Common sense has to prevail," he says. "If you're going to spray, the crop should be actively growing and not be under stress from drought, insects or disease."

"You might have the prettiest field of corn or beans in the county, but that's no guarantee the crop has high-yield potential."

As a general rule, refrain from spraying if the temperature is above 90 degrees. Better results are often obtained when the material is sprayed at dawn or dusk. Johnson explains that plants regain some moisture in late afternoon and early evening, making them more conducive to adsorbing fertilizer through the tissue. Early morning is also considered a good time to spray because there little or no wind, though farmers should avoid spraying fields dripping with dew because some fertilizer could run off the foliage, he says.

Regardless of the time of day, chances for success are enhanced if it does not rain within 48 hours of application.

Although foliar fertilizers should be used only on crops that are actively growing, there are a few instances where they may be applied to correct damage caused by other means.

Hail, soil compaction or herbicide injury, for example, can upset a plant's metabolism and hamper efficient use and transport of soil nutrients. Foliar fertilizers, Johnson says, have been known to accelerate plant recovery by supplying them with needed nutrients and getting their metabolism back on track so they can utilize soil nutrients. In this sense foliar sprays prevent yield losses by nursing the crop through the crisis period. They could even increase yields in spite of the temporary stress.

"The longer plants are under stress, the less yield they product," Johnson says. "The problem must be corrected quickly, and foliar fertilizers are really the only practical tool for the job."

Foliar fertilizers also can be used on crops to correct temporary deficiencies of nutrients tied up in the soil. The trick is to identify the exact nutrient deficiency—whether it be by visual appearance or tissue test - and use the correct foliar spray to fill the gap and enhance the plant's ability to recover land-locked nutrients.

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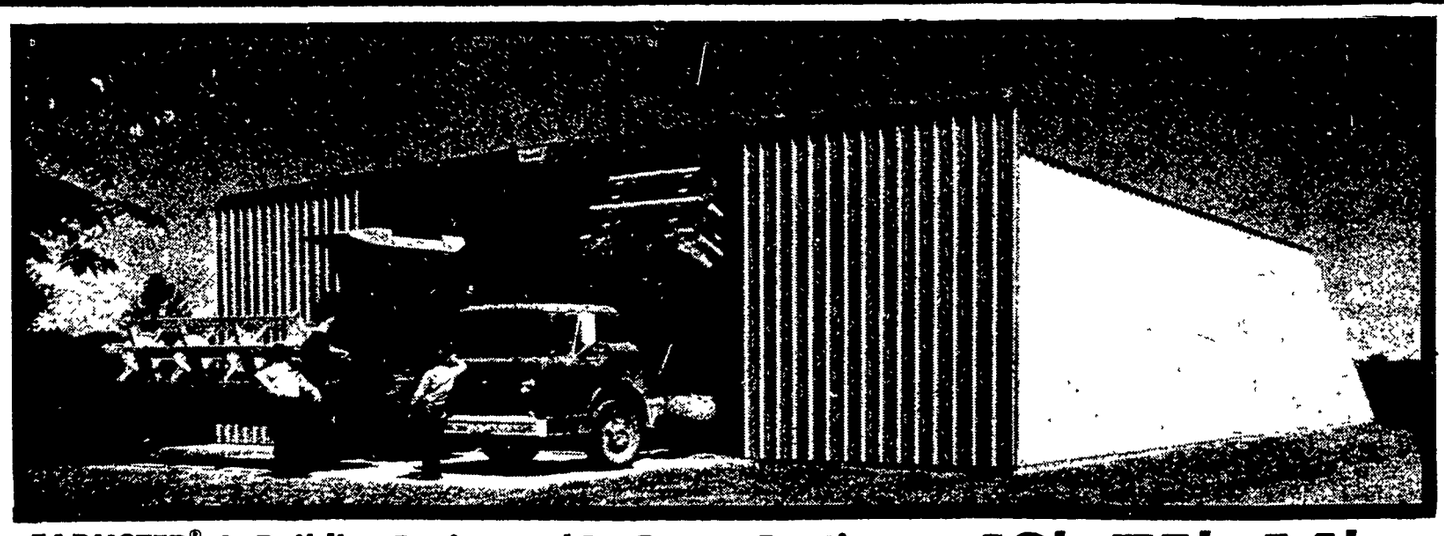

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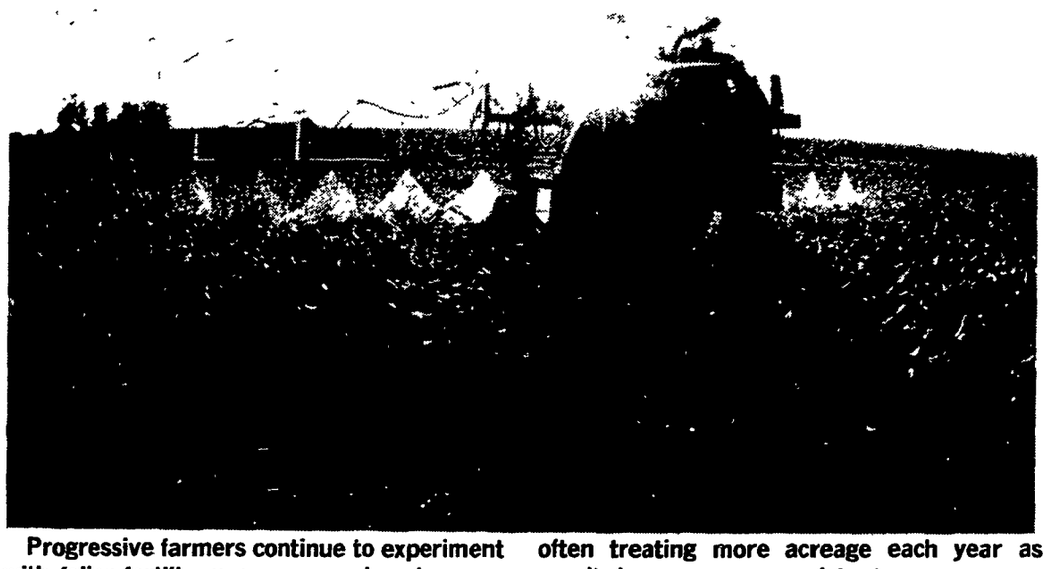
you really need is one of the minor elements," Johnson says. "That's one of the biggest mistakes a farmer can make with foliar feeding. It's also one reason why some farmers have had disappointing results."

"Foliar feeding has a long way to go before its performance can be guaranteed, but we're beginning to see the light at the end of the tunnel."

Foliar fertilizers can be applied by air or with a high-clearance sprayer. While aerial application may cost slightly more than using a ground sprayer, the added expense is usually worthwhile because no plants will be trampled, Johnson says. Either way, application costs can be fertilizer substantially if the foliar fertilizer is piggybacked with a needed insecticide or fungicide, thus saving a trip over the field.

"Foliar feeding has a long way to go before its performance can be guaranteed," Johnson concludes, "but we're beginning to see the light at the end of the tunnel. Like anything else that's new, foliar feeding needs to mature. We're working to fine tune the science. Once we do, foliar fertilization should become a vital part of corn and soybean fertilization."



Progressive farmers continue to experiment with foliar fertilizers on corn and soybeans -- often treating more acreage each year as results become more consistent.

AEB declares 2-month moratorium on assessments

PARK RIDGE, Ill. — The American Egg Board voted to declare a moratorium on collection of AEB assessments for the months of June and July in order to provide some financial relief to producers during the industry's severe economic conditions. The action was taken during an emergency telephone conference call of the Board on Friday, May 22.

"We recognize the problem is far greater than can be solved by this reduction in AEB collections. But right now every little bit helps and we want to do what we can for the producer," said Herbert L. Steinbrueck, AEB chairman.

Even with the reduced income, AEB will maintain a strong advertising and promotion program, according to Steinbrueck.

"We will continue our full television and radio advertising campaign for the balance of the year, as well as the important cholesterol research program. We will have to tighten our belts in some of the less essential activities to do it, but we believe this moratorium is responsive to the producers' needs at this time," he said.

The members of the Board also unanimously passed a motion pledging their full financial support to AEB when the moratorium ends in August and encouraging the entire industry to provide strong financial support for AEB at that time also.

June AEB collections are due during the middle of July. All producers and handlers will receive communications from AEB informing them of the moratorium. Handlers will also receive their usual handler forms along with an explanation that AEB still needs the forms filled out and returned in order to continue to collect statistical data that are important to the industry.

"All of our independent market research shows the AEB program works in improving consumer attitudes and demand for eggs. The industry must view AEB advertising and promotion as a long-term effort that will have long-range benefits.

"It is essential that we keep the AEB program strong. But we must also recognize there are periods of time when the industry needs help in other ways, and AEB must be flexible enough to respond to the industry," Steinbrueck said.

In a cost cutting move, the Board also voted to combine its previously scheduled July and October Board Meetings into a single meeting to be held August 26-27 at Chicago.

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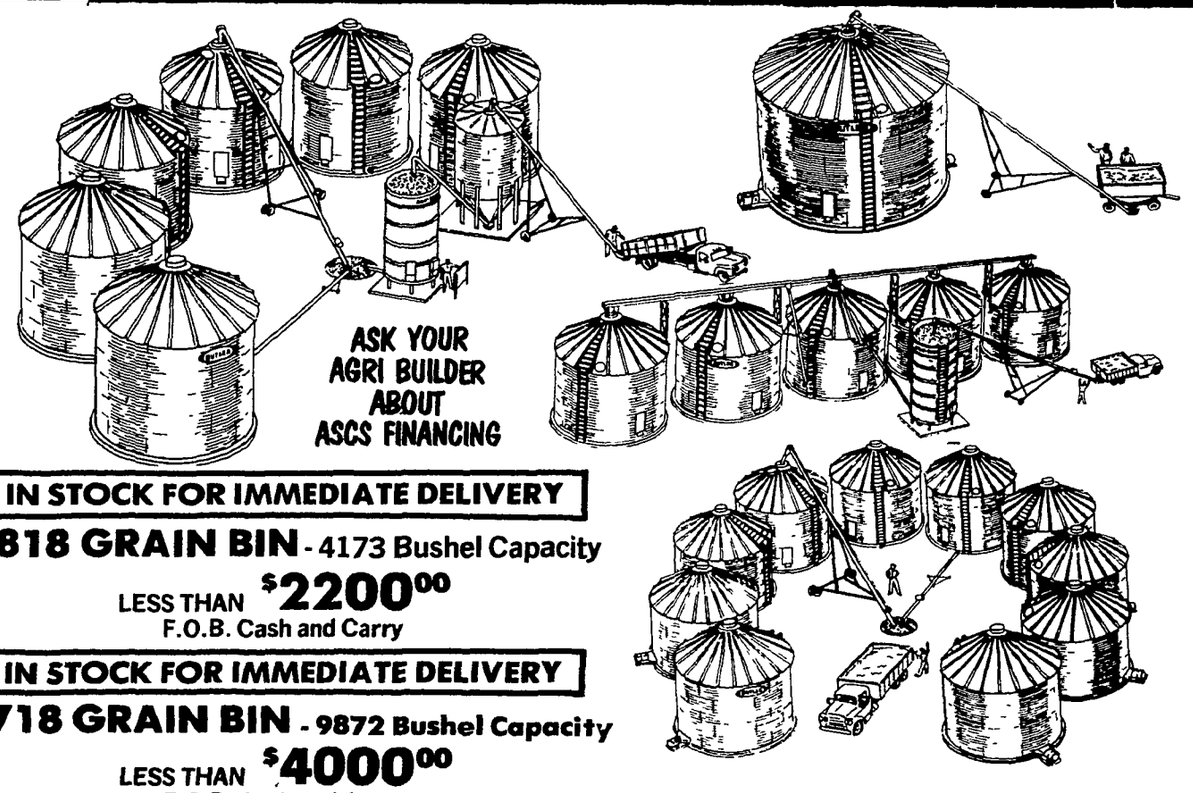

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USDA reports status of electronic marketing

WASHINGTON, D.C. — Electronic marketing — remote trading through a central location — began more than 20 years ago when a conference telephone hookup was introduced to market livestock. Conference-call trading originally covered lambs, feeder cattle, and slaughter hogs.

Since 1978, the U.S. Department of Agriculture's Agricultural Marketing Service, has funded several projects on electronic marketing of agricultural products under the Federal-State Marketing Improvement Program.

Initial electronic marketing projects funded in September 1978 were:

- Georgia — to test the computer-assisted trading of eggs through Egg Clearinghouse, Inc.;
- Ohio — to develop and test a computer-assisted program for slaughter hogs; and
- Virginia — to develop a better method for selling slaughter cows.

AMS, along with the state of Texas, also funded in 1978 a project to develop and test a computer trading program for feeder cattle. The project was continued the following year with FSMIP funds.

In 1979, Georgia received a grant to study the feasibility of multicommodity computer-based trading systems, and Tennessee received funds to develop telephone auctions of slaughter hogs and feeder cattle.

Last year, Illinois received a grant to implement, test, and evaluate electronic marketing of meat at wholesale. Test is in cooperation with the American Meat Exchange.

In 1980 and 1981, additional FSMIP funds were made available to Ohio, Texas, and Virginia to continue electronic marketing projects.

The Ohio and Texas projects will be funded through 1981, and the Virginia project, through 1982. The Ohio and Texas projects may be continued by nongovernmental interests when the FSMIP projects end.

Hog Accelerated Marketing System is a computer-based marketing program to sell Ohio slaughter hogs to packers in Ohio, Pennsylvania, New York, Maryland, Virginia, Tennessee, and Kentucky.

Fifty-one terminals have been installed — 19 at packing plants, 19 at Ohio Producers Livestock Association yards, 2 at PLA headquarters, 9 at farm sites, 1 at the Ohio Department of Agriculture, and 1 at the HAMS installation at Ohio State University.

A refinement of the USDA hog grading system was developed to more accurately reflect the quality of each lot of hogs. The system was tested and graders were trained before trading started.

Sustained sales under the project began November 10, 1980, and are continuing. Hogs may be sold on an ascending auction or through firm offer. The last ascending auction is held at 12:30 p.m. each day. The descending auction initially offered by HAMS has been dropped.

Users of the system have 35 different information displays or screens available on their Cathode ray tube terminals. These screens include competitive markets, firm offers, sales listings, inspections, weather conditions, market inventories, price factors, authorizations, sales deletions, price histories, HAMS news, and 12 separate HELP screens for the user.

Daily sales have been ranging between 1,000 to 2,000 hogs per trading day and averaging about 1,300. The grading system appears to be well accepted by buyers. Correlation between live grading and results at the receiving plant is maintained to insure continued comparability between graders.

This project uses a leased computer and dedicated lines for transmission of data to the CRT terminals on the system. Traders using HAMS have free access to the terminals. The project is a joint development of the Ohio Department of Agriculture, Ohio State University, and PLA.

This project to expand and improve the electronic marketing of eggs was funded in 1978 for 27 months in cooperation with the state of Georgia. The Egg Clearinghouse, Inc. (ECI), a private firm in Durham, N.H., that had been operating an egg trading service with a call-in system, carried out the activity.

During the test phase, traders were provided terminals free for a limited period to determine the value of the system to their operations. By the project's end, 55 terminals were being used by buyers and sellers.

Basic components of the system are a call-in service for bids and offers, a leased computer for collating bids and offers, and printing terminals for use by traders.

Operational programs have been sufficiently developed for the terminals to enable the network to expand. As a result, ECI plans to continue operating the system and to expand marketing information available through the data bank.

During 1980, trading on the system ranged from a high of 111.6 cases in January to a low of 59.2 thousand in May, representing 0.67 percent of total egg production in January and 0.3 percent in May.

CATTLEX, for "Cattle Exchange," is a computerized cash market for feeder cattle operating throughout Texas. The system, which began operating in September 1980, was developed cooperatively between AMS and the Texas Department of Agriculture and Texas A&M University to improve the marketing system for feeder cattle. The goal is to lower costs and increase the availability of market information to both buyers and sellers.

Eighteen remote locations are connected to a central computer at Texas A&M in College Station. The locations, consisting of 11 auction markets, 3 feedlots, and 4 order buyers, range from Texarkana westward to the Texas Panhandle and south to Beeville below San Antonio.

CATTLEX conducts a regular English (ascending) auction each busines day beginning at 10 a.m., Central time. Producers may offer lots of 20 head or more of cattle over the computer system, including two types — onranch and delivered. Ranch cattle are described by a licensed third-party grader and offered for sale over CATTLEX in truckload or larger lots while still on pasture.

The f.o.b. delivery point and weighing location are specified by the seller. Cattle are sold on the basis of estimated weight and as described by the third-party grader at time of inspection. For less than truckload lots between 10,000 and 44,000 pounds, cattle are delivered to a livestock auction market or other assembly point.

These delivered lots are weighed and described at the assembly point by a third-party grader and sold in commingled lots on a known payweight basis. Since test operations began, about 1,000 head of feeders have moved through the system.

To conduct the project activities, computer time is acquired from Texas A&M with dedicated lines being used for transmission between the University's computer and the printer/CRT's used by traders.

A nonprofit organization, Eastern Electronic Marketing Association was formed to make computerized marketing services available to the livestock industry in the East and Midwest, including midwestern Canada. Traders use printer terminals. The system employs a direct-dial system to a communication network linked to time-sharing computers.

Virginia made its first sale of lambs through the computer-based auction in May 1980. The computer runs the auction, and packers participate by using terminals in their offices or at any location with access to a telephone. This auction replaced the Tel-O-Auction, which had been used for a number of years.

Under the system, the lambs are graded and sold while still on the farm and are assembled and shipped at the time the buyer specifies.

Project developmental work was done by the Virginia Department of Agriculture and Consumer Services and the Virginia Polytechnic Institute and State University. The initial work included a study of the requirements of an electronic marketing system that was conducted with livestock packers and producers.

Based on the results and other information, the project developers concluded that a time-sharing, remote-access computer system would best meet the needs of the electronic marketing system that was planned. A computer company selected as the vendor, provided computer programs to test computerized marketing of slaughter cows and market lambs.

Weekly or biweekly sales have been held since the initial auction. More than 25,000 lambs have been moved directly from farms in Virginia, West Virginia, Kentucky, and North Carolina to packers in the northeastern midwestern United States and Canada. Six to eight packers have used their remote-access terminals to obtain the listing of offerings and participate in each auction. Prices have ranged from $3.00 to $5.00 per hundredweight above local market quotes.

No sales of slaughter cows have occurred. Various problems, including lack of access to facilities for assembling, sorting, and loading, have precluded any auctions. In the one auction held last year, all cows offered for sale were purchased by buyers at the auction, although several buyers with terminals were "logged on."

Future activities of the electronic marketing system will include auctions of slaughter cows on a basis of carcass weight and yield grade, the development of auction programs for feeder cattle, feeder pigs, and slaughter hogs; and a recordkeeping program for marketing organizations.

Georgia is studying the feasibility of a multicommodity electronic marketing system for primary commodities. The area of study is southeast Georgia, where a variety of commodities is produced.

The study included an evaluation of the alternative modes of communication for computerized trading networks. Also, the alternatives available for computerized trading — a time-sharing network, a network using a purchased central computer, and a leased central computer — will be compared with the cost of trading on a tele-auction system.

Several commodities are now traded via-auction in the study area. Costs of a hypothetical multicommodity computerized exchange are being evaluated at various levels of trade.

This project, jointly funded in 1980 by AMS, the University of Illinois, and the Illinois Department of Agriculture, is designed to implement, test, and evaluate electronic meat marketing. Initially, the project will test the computer-assisted trading system developed by the American Meat Exchange.

Buyers and sellers of meat are being contacted to participate in the project and actual testing of the system will start when enough buyers and sellers, with a sufficient volume, have agreed to participate. Training of trading firm representatives is underway in preparation for actual trading.

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(Turn to Page A23)

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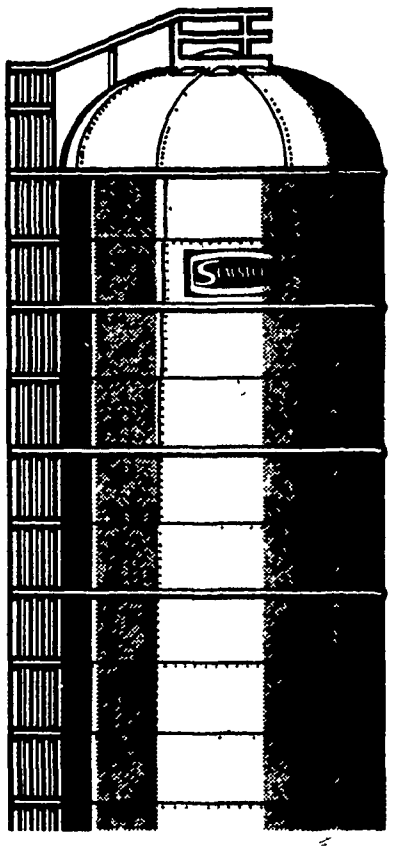

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Electronic Marketing

(Continued from Page A22)

traders will have a CRT and printer available. These will be linked with a time-shared computer and dial-in system. Buyers will list their needs, and sellers will list offers on the system. When buyers and sellers wish to consummate a trade, it will be a private treaty arrangement between the two parties through the computer system.

The Tennessee Department of Agriculture is developing graded, commingled sales of slaughter hogs and feeder calves, and determining the feasibility of telephone auction of combined feeder pig sales.

In the spring and fall of 1980, feeder calf sales were held using the tele-auction system. Buyers at the auction arena and in contact by telephone were permitted to bid.

The sales have been successful and have run 1,500 to 1,800 head per sale. Weekly sales of slaughter hogs have been developed using a telephone "sealed bid" system. After the hogs are assembled and graded, the participating buyers are individually contacted and asked to bid. Sales have been running 200 to 400 head, with the largest sale over 550.

In January 1981, the first combined sale of feeder pigs was held. The pigs were assembled at two different auction barns. Pigs of the same grade and weight-range from the two barns were offered for sale as one lot.

Buyers participated by telephone and at each auction barn. With about 1,500 head available at each barn, the combined auction barn sale of feeder pigs was successful. The State is now considering a combined sale of feeder cattle from different locations.

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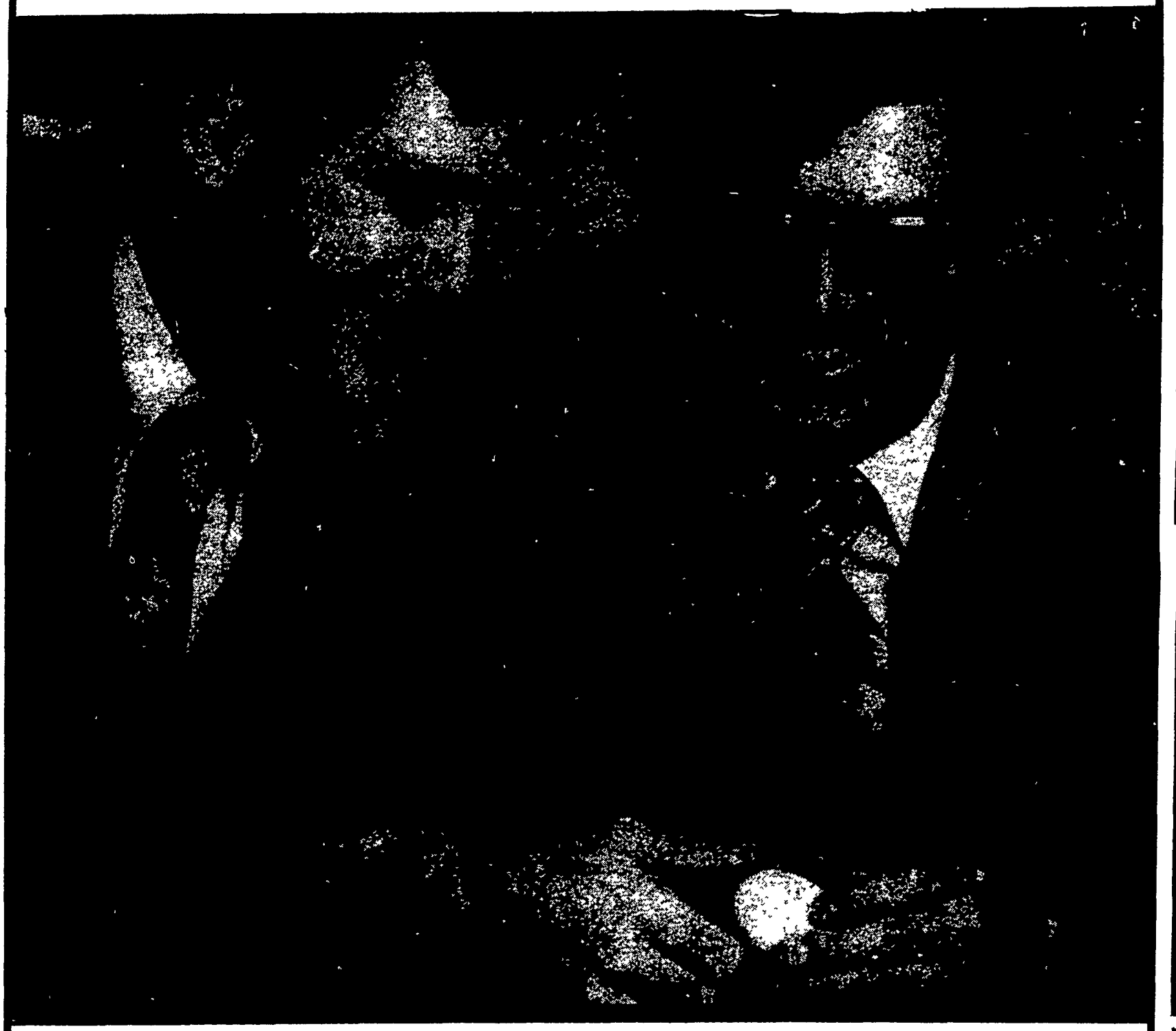

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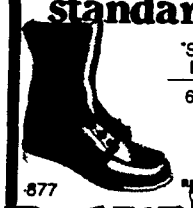

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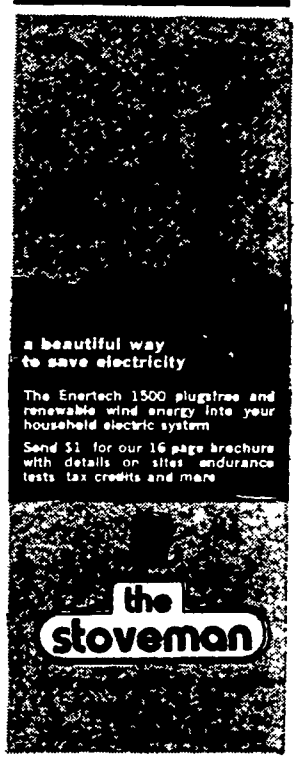
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What lies ahead for American agriculture?

WASHINGTON, D.C. — Now that most of the idled acres of the past are back in production and growing world demand is testing America's capacity to produce, U.S. farmers face new problems and opportunities in the 1980's.

"Gone is the ever-pervasive burden of chronically excessive supplies that depress farm prices," says USDA economist John Lee. "We seem to be heading into a period where the balance between food supplies and demand will be more consistently tight than in the past."

Of course, this doesn't mean shortages on foodstore shelves. Nor does it rule out years of surplus production and crop diversions. But it may indicate a different emphasis for future food and agricultural policy.

American agriculture has vast, untapped capacity to meet world demand. However, most of the easy production gains have already been attained. "Future increases will come more dearly," Lee says. The reasons are many:

- It will cost more for agriculture to bid additional land and other resources from competing sectors of the economy.
- Production input costs are rising rapidly, adding to the expense of increasing yields through greater use of fertilizer and other inputs.
- Potential yield gains from current technologies have already been widely attained, so further gains will be increasingly expensive — as will new technologies.
- The costs of producing are higher and yields lower on less fertile, fragile land that will have to be brought into farming.

There also are costs in terms of protecting our resource base. Greater production means the potential for more chemical pollution of rivers and streams and increased soil erosion, particularly as marginal lands are converted into agricultural use.

Without higher farm prices and incomes, farmers are likely to pay the rising costs and assume the risks of adopting new technologies and investing in capital improvements.

A tighter world supply-demand balance should help provide these incentives.

A glance at USDA projections for the next several years shows why economists see the need to focus attention on U.S. agriculture's production capacity. Annual increases in world food production over the next several years may slow to about three-fourths of the historical rate as marginal lands are farmed and rising energy costs discourage full use of inputs for maximum yields.

"The evidence suggests that, rather than being faced with chronic overproduction and surpluses, we will more frequently confront the need to encourage production," says J.B. Penn, deputy administrator for economics of USDA's Economics and Statistics Service.

At the same time, world demand is expected to continue rising. The result: Growth in total demand for U.S. food production may exceed the average annual increases of 2.2 percent since World War II. Demand growth could be even greater if new outlets for farm products, such as gasohol production, develop rapidly.

A big step toward devising new policy approaches for the future, according to economist Penn, is to recognize the diverse structure of modern agriculture. Today's 2.4 million farms are far more specialized than the more than 7 million farms a half century ago, and needs vary greatly according to region, nature of production, size of operation, and other individual factors.

These changes have important implications for farm policy. For example, farms with annual sale of $40,000 and above now account for more than three-fourths of U.S. agricultural output. Therefore, these farms will largely determine the effectiveness of government policies relating to commercial agricultural production.

Since families operating these farms depend mostly on farm income rather than outside earnings, large year-to-year swings in farm income leave them particularly vulnerable, especially with the high debt load that most larger farms carry today.

Beaver harvest sets new record

HARRISBURG — Pennsylvania's trappers harvested almost 50 percent more beavers during the 1981 season than they were able to take the preceding year, according to a Game Commission compilation.

During the past season, trappers took 7,015 beavers in the Keystone State, an all-time high.

The increase of nearly 50 percent was the second consecutive year in which the jump was of that magnitude. The 1980 harvest of beavers totaled 5,321. As recently as 1978, the figure was only 1,404.

The high harvest in 1981 does not necessarily mean that inroads are being made into the normal supply of beavers. High population levels and good trapping conditions produced the record 1981 harvest.

Normally, trappers take between 3,500 and 5,000 beavers, mainly depending on weather conditions during the open season in February and March.

The leading county for beaver pelts in 1981 was Crawford, with 1,105. It was only the second time that a single county's annual beaver harvest topped the 1,000 mark.

Other leading counties: Erie, 646; Wayne, 561; Susquehanna, 487; McKean, 358; Bradford, 351; and Potter, 320.

Altogether, 21 counties produced more than 100 beaver pelts, compared with 14 last year.

Although Pennsylvania's prime beaver range is in the northern part of the state, trappers took beavers in 56 counties this year.

Farmers in China have taken some of the stones from the legendary Great Wall there, to build pens for their pigs.

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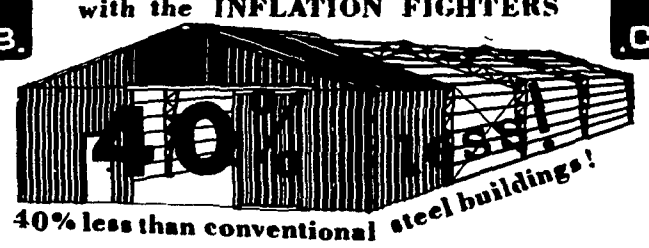

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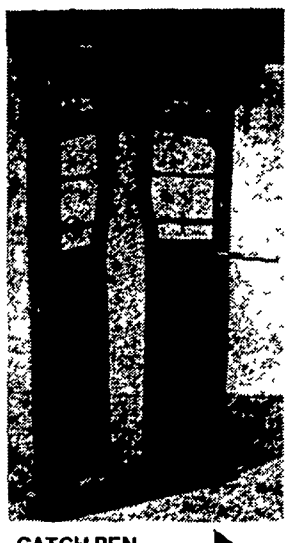
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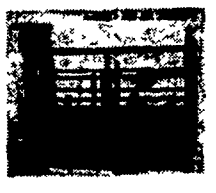
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What do larger, fewer feeders and packers mean for beef industry?

By Clement E. Ward
Extension Economist - Marketing
Oklahoma State University

DENVER, Colo. — The feeding and packing industries have undergone major changes. Has the shift toward fewer and larger feeders and packers left cattlemen better or worse off?

Let me briefly review the issues and the changing structure of feeding and packing. Then I will rely on available evidence to determine the impacts on the cattlemen.

Issues and Concerns

The U.S. House Committee on Small Business began hearings on problems in the meat industry in October, 1977. Besides several hearings, the committee staff has funded or conducted and released several staff studies. USDA, the American Meat Institute and land-grand universities have also completed studies, adding to the debate.

The Small Business Committee has focused on three areas: rapid structural changes in the packing industry; use of the National Provisioner's "Yellow Sheet" in formula-pricing wholesale beef; and influence of futures markets on cattle prices.

In my opinion, the central issue is public confidence in our marketing system. The system works. The question is: Does it "appear" to the general public that it works fairly?

Some see the trend toward fewer and larger packers and worry whether there will be only one or two packers controlling the beef industry in the future. Some see that 5-10 percent of carcasses traded provide a basis for formula-pricing 70 percent of more of all carcasses sold. They worry whether someone is manipulating prices for that 5-10 percent of the trades.

Some see futures markets rising and falling and wonder if someone manipulated the futures against their positions or against live cattle prices.

Public trust in our marketing system is important. Thus, these concerns are legitimate. However, lack of confidence in the system should not be the basis for public policy-making or legislation. Objective studies are needed.

This is a legitimate role of public institutions. Is there evidence that the system no longer works or has major flaws? Identifying the clear trend toward fewer, larger companies does not necessarily suggest guilt or wrongdoing. However, if such change creates problems, we need to identify those problems and correct them.

Let's look at changes in feeding and packing.

Feeding Changes

Cattle feeding has shifted to a large extent from the Corn Belt to the Southern and Central Plains since 1962. States among the 23 major feeding states whose shares of total cattle marketings increased were Colorado, Idaho, Kansas, Nebraska, New Mexico, Oklahoma and Texas. Iowa's share declined, but Iowa remains among the six major feeding states, along with California, Colorado, Kansas, Nebraska and Texas.

Number and size of feedlots have changed dramatically. Feedlots with capacities of less than 1,000 head declined from 230,000 in 1962 to 111,000 in 1980. Lots with capacities greater than 1,000 head increased from 1,439 to 2,144.

Marketings from smaller lots accounted for 73 percent of all cattle marketed in 1962. The smaller lots share dropped to 28 percent by 1980. Thus, larger lots now are more numerous and account for a larger share of total cattle marketed.

Just 209 feedlots (each with a one-time capacity of 16,000 head or more) marketed more than 9 million cattle in 1980. That was 40 percent of all fed cattle marketed.

Livestock magazine recently identified the 25 largest cattle feeding companies. These companies accounted for 66 lots with a combined capacity of 2.8 million head. They conceivably could market 5.6 million cattle annually. That would be almost one-fourth of the fed cattle sold in 1980. Seven of those companies have an ownership or contractual tie to one or more packers.

Packing Charges

Meat packing also has shifted to a considerable extent from the Corn Belt to the Southern and Central Plains.

States whose shares of steer and heifer slaughter increased since 1969 were Colorado, Idaho, Illinois, Kansas, Nebraska, New Mexico, Texas and Washington. Six of these eight also increased their shares of cattle feeding. Illinois was the sole Corn Belt state increasing its share of slaughter. Iowa, California, Colorado, Kansas, Nebraska and Texas were the six major slaughtering states in 1979.

Number and size of packing plants also have changed.

Plants slaughtering fewer than 100,000 head of steers and heifers annually dropped from 956 in 1969 to 613 in 1978. (It should be noted that a change in USDA reporting requirements contributed to the decline.) Plants slaughtering more than 100,000 head increased slightly, from 69 to 75.

Smaller plants accounted for 47 percent of slaughter in 1969 but only 29 percent in 1978. As in feeding, then, the number of plants has declined while average plant size has increased.

Thirteen plants in 1978 (each slaughtering 400,000 head or more)

(Turn to Page A26)

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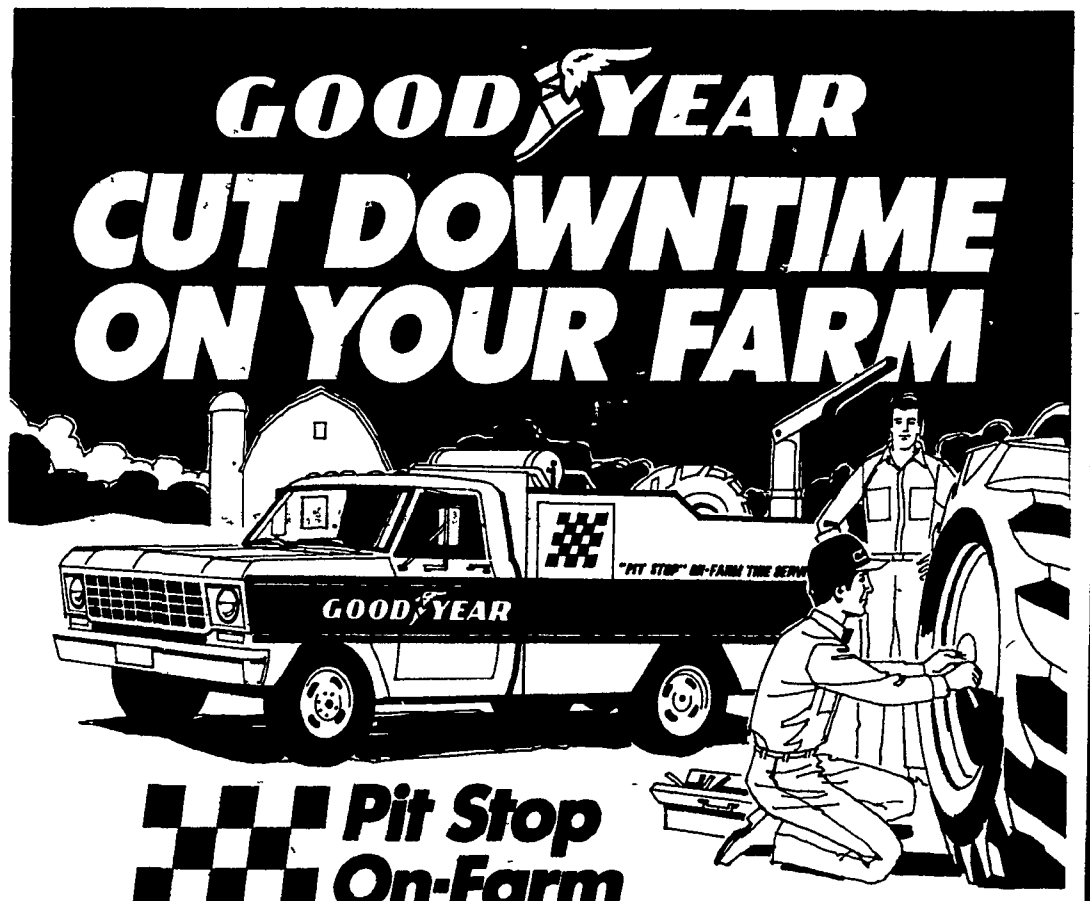

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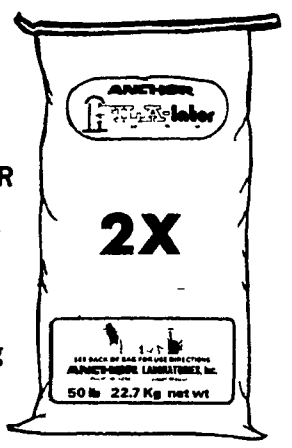

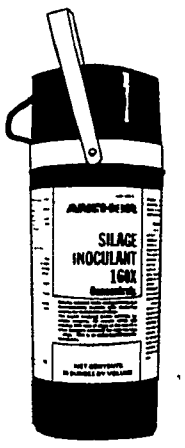

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Feeders and packers

(Continued from Page A25)

slaughter 8½ million cattle. That was 30 percent of the total.

Changes have occurred among the 20 largest packers. In 1978, the largest packer was Iowa Beef Processors, and No. 2 was Swift & Co. These two packers switched positions in 1970. MBPXL corp. (ranked 3rd in 1978) moved up from 8th., and Dubuque Packing Co. (ranked 4th) advanced from 18th. Five packers among the top 20 in 1978 had not been in that group in 1970.

Several changes have occurred since 1978. At least four packers no longer slaughter steers and heifers. Several others have opened or closed plants, and two have merged together.

Increased Buyer Concentration

Concentration refers to the market share of the largest — four largest or some other number — of companies. Market shares of the four large packers have increased in nearly all of the major feeding states.

Several factors can explain the increases. However, one factor is dominant. Larger packers have a cost advantage compared with smaller packers. That gives them an edge in buying cattle. Thus, they are more likely to keep their plants operating at higher levels than are smaller firms.

Lower volume combined with higher costs puts smaller firms at a competitive disadvantage. As a result, many close their doors. That, in turn, results in an increase in the market shares of larger packers — and buyer concentration increases.

All packers can assess the expected profitability of a new plant. Profitability in packing is related to low costs and high volume. As noted earlier, cattle feeding is declining in many states. Packers are unlikely to build new plants in an area of declining feeding.

Thus, the trend toward increased buyer concentration continues. A decrease in the number of cattle slaughtered can in itself increase market share, because the more efficient packers will get a larger share of the smaller number of cattle.

Impacts of Changes

Studies readily identify the trend toward fewer and larger feeder and packers. Conclusions as to impact vary.

Willard (Doc) Williams' study for the Small Business Committee concluded that excess slaughter capacity in some areas is becoming a problem. Larger packers, as compared with higher-cost competitors, can pay higher prices for available cattle, it was indicated. Thus, the report said, larger packers (he especially cites Iowa Beef Processors) inadvertently or otherwise force numerous competitors out of business.

The Packers and Stockyards division of USDA concluded that packers have more market power than sellers. Therefore, it was said, there is a tendency toward "monopolistic" price-making.

This study cites other work that suggested larger buyers would pay lower prices than competitors. It also expresses concern about integration of feeders and packers. Integration refers to combining feeding and packing under a single management. This is said to provide an opportunity for unfair trade practices. For example, a packer might kill cattle from it own feedlot in order to keep prices down on cattle it must buy.

University of Wyoming economists considered the influence of increased concentration on cattle prices. Their study dealt with Arizona, California, Colorado, Kansas, Nebraska and Texas for a six-year period. It found no effect of feedlot concentration on feeder cattle prices. Similarly, it found no effect of packer concentration on fed cattle prices.

A Small Business Committee staff study grabbed the headlines last fall. It attributed 30 percent of increased beef prices during the 1970's to increasing concentration in packing. Authors claimed the study supported the belief that large packers pay higher prices. Thus, large packers have market power. Unfortunately, the study was filled with problems - errors in economics, data and statistics, and especially in its conclusions.

The American Meat Institute hired a consultant to study the issue also. The economists' conclusions were that the packing industry was highly competitive. Market power was totally absent.

In 1979 the packing industry was among the lowest industries in profits as a percent of either sales or assets. The researchers concluded that large-packer efficiencies reduced processing cost 5-6 cents per pound. Much of that savings was passed on to consumers as lower prices.

Two of my studies are applicable. First, I used data for the same period as the Small Business Committee staff, and I used the same concentration data. My results showed no effect of packer concentration on live cattle prices, wholesale beef prices or the farm-to-carcass price spread.

Some of the above studies suggest packers pay either higher or lower prices than competitors. Further, they suggest local markets are the appropriate level to study.

I analyzed data from feeding areas 3-23 counties in size. Data were divided by area and sex. For example, two area-sex markets were Oklahoma Panhandle-steers, and Oklahoma Panhandle-heifers. Data were based on actual sales from feedlots in selected areas of Texas, Oklahoma, Kansas, Nebraska and Iowa.

The largest buyer in each area-sex market bought 25-48 percent of the cattle. Prices paid by the smallest buyers were compared with those by larger buyers after accounting for cattle quality differences. There was a difference in 3 of 12 cases.

Larger buyers sometimes paid more and sometimes less. Overall, there was no connection between the size of buyer and prices paid to feeders.

Implications for the Cattle Producer

Some things appear obvious to me. First, data indicating a smaller number and larger size of buyers or sellers do not prove wrong-doing. We must look at what the few large companies are doing.

To date, the evidence leads to the conclusion the industry is acceptably competitive.

Second, packers that remain are more efficient than those leaving the industry.

Third, you probably have fewer buyers in your immediate area. This may be especially true in areas where feeding is declining in importance as compared with other areas. This may mean marketing changes. You may need a feedlot sales program, as in Iowa, or to sell over a telephone, as in a teleauction.

Fourth, many smaller packers will remain in business by carving out their own niches in the marketplace. That means serving customers the big packers are not serving.

Fifth, changes in the marketplace occur constantly. There is still a place for innovative and aggressive companies.

Finally, there is a role for all of us to play in improving our marketing system. That includes the role of public institutions in monitoring changes. When problems are identified, then appropriate actions should follow.

Reprinted from Nat'sl Cattlemen's Assn. by Beef Business Bulletin, May 15, 1981.

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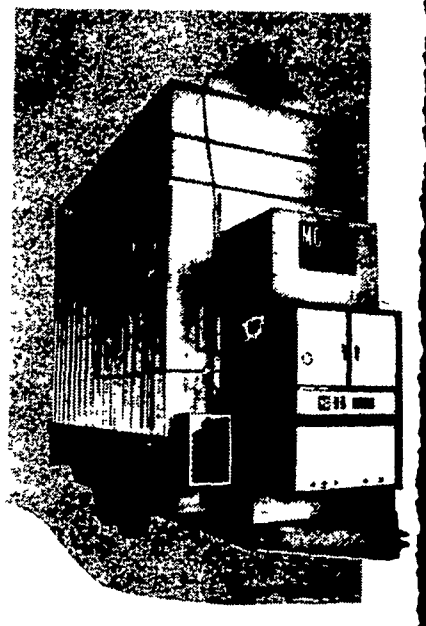
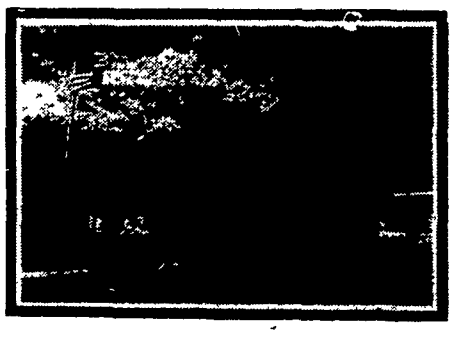
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Healthy legumes, for example alfalfa, growing on well limed soil will produce several hundred pounds of nitrogen per acre. Most of this will be used by the legume, but grasses growing with the alfalfa will be supplied with needed nitrogen. Where the legume crop is plowed down, the following crops for the next two or three years will be supplied with much of their nitrogen needs.

So produce some of your own nitrogen by growing legumes in your rotation and follow a good liming program. A ton of lime could "buy" you 100 pounds of nitrogen.

Del. market directory available

DOVER, Del. — The 1981 Directory of Delaware Roadside and Pick-Your-Own Markets for fruits and vegetables is available from the Delaware Department of Agriculture or local County Extension Service office.

This directory is designed to assist consumers in locating Pick-Your-Own and Roadside Markets throughout Delaware. Shopping at these farm markets can be a way to save money on fresh produce while providing family recreation at the same time.

Harvest times will vary due to weather conditions, so customers are encouraged to call ahead to determine the availiability of specific products. This is a voluntary listing of the markets and is not intended to be an endorsement of any particular markets. Any market that is not currently listed and wishes to be included, please contact the Delaware Department of Agriculture at (302) 736-4811.

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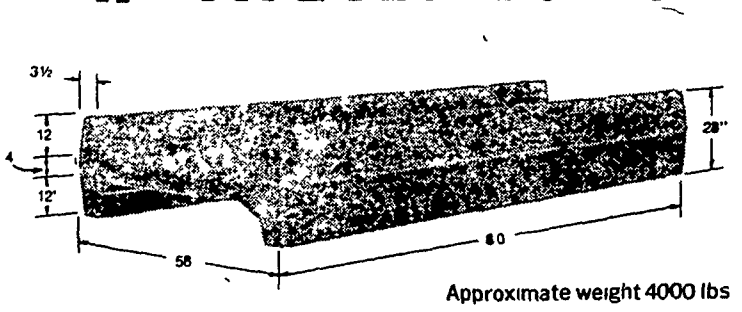

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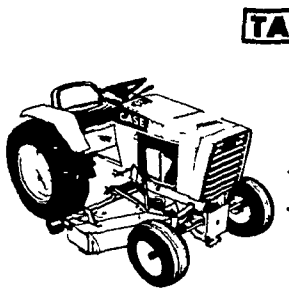

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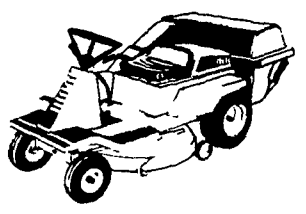

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Warm, dry weather helps fieldwork progress

HARRISBURG — The warmest week since last September brought dry weather to the commonwealth, giving the state's farmers six days suitable for fieldwork during the week ending May 25, according to the Pennsylvania Crop Reporting Service.

Farm field activities included plowing, discing and harrowing; planting corn, potatoes, soybeans, oats and tomatoes; cutting rye and grasses for green chop and silage; spraying; spreading lime and manure; and repairing fences and machinery.

Statewide, soil moisture was rated as 83 percent adequate, 11 percent surplus and six percent short. Northern soils were rated as 68 percent adequate, 27 percent surplus and five percent short in soil moisture. In central counties, soil moisture was rated at 95 percent adequate and five percent short while southern counties' soils were rated 90 percent adequate and ten percent short.

At 91 percent complete, plowing is still slightly ahead of the 89 percent completed last year at this time, but behind the five-year average of 92 percent. Plowing is now 88 percent complete in the north, 94 percent in the central region and 93 percent in the south.

Corn planting is in high gear and is now 64 percent complete. Corn planting is slightly ahead of last year's 62 percent but slightly behind the five-year average of 66 percent. Planting stands at 47 percent in the northern counties, 71 percent in central counties and 83 percent in southern counties. Some corn replanting has been reported in scattered areas.

Planting of potatoes, at 84 percent complete, is still ahead of last year's 75 percent. Potato planting is at 76 percent in the north, 83 percent in central counties, and virtually complete in the south.

Oats are virtually all sown statewide, or a par with last year Most oat stands are looking good, while some are growing slowly.

Planting of soybeans is 21 percent complete statewide, compared to the 31 percent planted last year at this time. Planting stands at 22 percent in the north and 21 percent in central and southern counties.

Barley is now 39 percent booted and 40 percent headed statewide. This compared to last year's crop which was 33 percent booted and 51 percent headed at this time. barley is 50 percent booted and 12 percent headed in the north, 46 percent booted and 34 percent headed in the central counties, and 18 percent booted and 77 percent headed in the south.

The Pennsylvania wheat crop is now 45 percent booted and seven percent headed, well behind the 48 percent booted and 36 percent headed last year at this time. Wheat is 33 percent booted and less than five percent headed in the north, 58 percent booted and eight percent headed in central counties, and 46 percent booted and 16 percent headed in the south.

Both alfalfa and clover-timothy stands are in good to fair condition. Statewide was reported rated alfalfa as 67 percent good and 33 percent fair, while clover-timothy rated 62 percent good and 38 percent fair. First cutting of alfalfa was reported as six percent complete, with a major share going to silage. Amounts of feed being obtained from Pennsylvania pastures rated mosity average.

Apples are now reported as 94 percent in or past full bloom, slightly behind last year when apples were virtually all in or past full bloom. Strawberries are in bloom and green peas are reported as looking very good. Tomato planting has begun in the northern counties.

Red meat production down

HARRISBURG — Commerical ed meat production in Pennsylvania during April totaled 84.5 million pounds, down three percent from last year according to the Pennsylvania Crop Reporting service.

Cattle slaughter, at 59,400 head, was up two percent from last year, while hog slaughter, at 279,600 head, was down eight percent from a year ago. The number of sheep and lambs slaughtered totaled 21,900, 89 percent more than last April.

Commercial red meat production during April 1981 totaled 3.30 billion pounds, down one percent from a year ago. Beef production, at 1.81 billion pounds, was up four percent, and veal production at 32 million pounds, increased seven percent. Pork production totaled 1.42 billion pounds, six percent below last year, while lamb and mutton production increased four percent to 29 million pounds.

Broiler placement drops

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending May 16 totaled 2,356,000, according to the Pennsylvania Crop Reporting Service. The placements were three percent below the previous week and four percent below the corresponding week a yer earlier.

Average placements in the state during the past nine weeks were one percent above a year ago.

In the 21 key poultry producing states, placements of broiler chicks were 85,044,000, one percent below the previous week, but six percent above the same week in 1980. Average placements during the past nine weeks were four percent above a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending May 6 totaled 2,048,000, with an average liveweight of 4.06 pounds.

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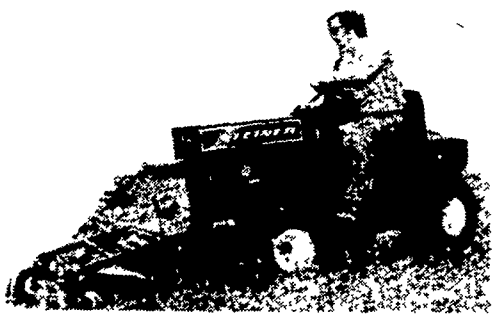

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Crops get acid indigestion

FAIRFAX, Virginia — Are your crops healthy: Are they well fed? Or are they suffering from acid indigestion: Yes, plants can suffer from acid conditions. Not the same way as man, but soil acidity can be the cause of poor plant growth.

Each spring thousands of acres of crops are showing the signs of acid indigestion caused by an inadequate liming program. One of the places to look is your corn fields. If you have been heavily cropping with corn and particularly if you are using no-till, be on the alert.

The nitrogen you have been applying is a source of soil acidity. Each pound of nitrogen you have applied requires two to four pound of limestone to neutralize the acidity it forms. Actually, it is best to use about five pounds of limestone per pound of nitrogen to allow for the slow reaction of the limestone.

In no-till corn, as the nitrogen is surface-applied, the acidity concentrates in the upper 2 inches. Within one to two years, a previously well-limed soil can become very acid on the surface.

Look for these symptoms of acid indigestion: 1) Poor week control - soil acidity reduces the efficiency of herbicides. 2.) White striping of leaves - could be manganese toxicity. 3) Purpling of leaves - phosphorus deficiency. Acid soils reduce availability of phosphorus to plants. 4) Pale green, stunted - may be caused by soil acidity and other causes. 5) Blunt, discolored roots - very acid soils prevent normal root growth.

If you see any of these signs, it could be that you need lime. Get proof, have your soil tested.

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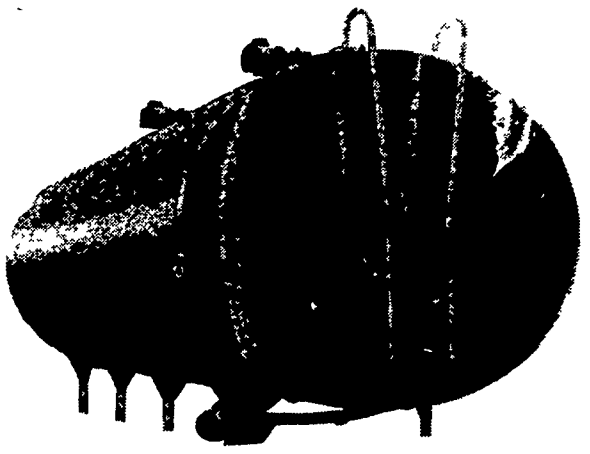

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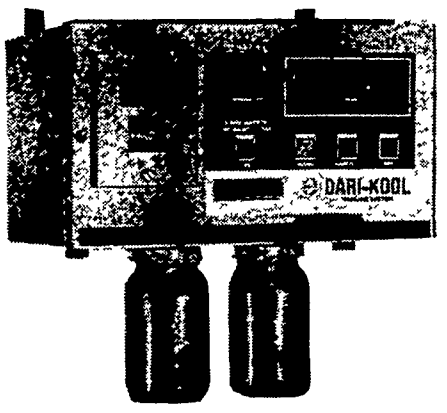

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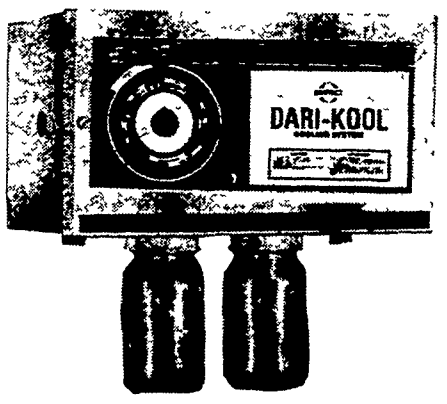

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ASCS, SCS open new office in Northampton

BUSHKILL CENTER — Ribbon cutting ceremonies were held last week for Northampton County's new joint office of the Agricultural Stabilization and Conservation Service and the Soil Conservation Service. The new office is located at 1068 Bushkill Center Road, four miles north of Nazareth.

Opening of the office followed a two year search for new facilities by ASCS. Their old office — located in downtown Nazareth, was inconvenient to parking and did not meet federal handicapped access guidelines. The new office solves these problems.

It also is the first time the Soil Conservation Service has had an office in Northampton County. Previously, business was handled through the office in Lehigh County.

U.S. Representative Don Ritter (R-15th District), stressed the role of the family farm in preserving the quality of life in the Lehigh Valley. He said a healthy agriculture must be supported or the consumer will not be well served.

State Senator Jeanette Reibman (D-18 District), praised the co-location of the two agencies calling it a success example of the "principal of coordination." She discussed pending water management legislation she has sponsored saying the bills will encourage conservation and management to meet the needs of industry, agriculture and public health.

Other speakers were Judith Noyalas, county executive director for ASCS, Clifton Peters, district conservationist for SCS, Robert H. Jones, chairman of the Northampton County Conservation District, Richard A. Pennay, acting state executive director of ASCS and Charles Kirk, area conservationist for SCS.-VP

Cutting the ribbon at the new office of ASCS and SCS in Northampton County are Clifton Peters of SCS and Judith Noyalas of ASCS.

State parks need campground hosts

HARRISBURG — Would you like to camp free in a state park?

Pennsylvania Department of Environmental Resources is offering free camping spaces to volunteers, in the "Campground Host" program at 28 participating state parks.

William C. Forrey, director of DER's Bureau of State Parks, said "persons selected to be campground hosts provide assistance to campers by answering questions on fees and park activities.

"They also show campers available campsites and help keep the campground and lavatories clean between scheduled maintenance crew visits."

Hosts are assigned for a minimum of four consecutive weeks. Volunteers are required to be on duty seven days a week, including weekends and holidays. While camping fees are waived for the hosts, they must furnish their own camping equipment.

Additional information and applications for the host program are available from the Bureau of State Parks, Box 1467, Harrisburg, Pa. 17120, and from the participating parks.

Complete applications should be mailed directly to the park in which the applicant is interested in serving as a "campground host."

Participating state parks are:

Caledonia, R2, Box 151, Fayetteville, Pa. 17222.

Chapman, R1, Box 1610, Clarendon, Pa. 16313.

Cherry Springs State Forest Picnic Area, c/o Lyman Run State Park, Box 204, Galeton, Pa. 16922.

Codorus, R3, Box 118, Hanover, Pa. 17331.

Colonel Denning, R3, Box 293, Newville, Pa. 17241.

Colton Point, c/o Leonard Harrison State Park, R6, Box 235, Wellsboro, Pa. 16901.

Crooked Creek, R3, Box 325, Ford City, Pa. 16226.

Hills Creek, Box 344, R2, Wellsboro, Pa. 16901.

Kettle Creek, Star Route, Renovo, Pa. 17764.

Keystone, R2, Box 101, Derry, Pa. 15627.

Kooser, R4, Box 256, Somerset, Pa. 15501.

Laurel Hill, R4, Box 130, Somerset, Pa. 15501.

Leonard Harrison, R6, Box 235, Wellsboro, Pa. 16901.

Locust Lake, c/o Tuscarora State Park, R1, Box 24A, Barnesville, Pa. 18214.

Lyman Run, Box 204, Galeton, Pa. 16922.

Ohiopyle, Box 105, Ohiopyle, Pa. 15470.

Ole Bull, R1, Cross Fork, Pa. 17729.

Patterson State Forest Picnic Area, c/o Lyman Run State Park, Box 204, Galeton, Pa. 16922.

Pine Grove Furnace, R2, Box 399, B Gardners, Pa. 17324.

Poe Valley, c/o Reeds Gap State Park, R1, Box 276A, Milroy, Pa. 17063.

Prouty Place State Forest Picnic Area, c/o Lyman Run State Park, Box 204, Galeton, Pa. 16922.

Pymatuning, Box 425, Jamestown, Pa. 16134.

Raccoon Creek, R1, Box 329, Hookstown, Pa. 15050.

R.B. Winter, R2, Box 377, Mifflinburg, Pa. 17844.

Ricketts Glen, R1, Box 251, Benton, Pa. 17814.

Ryerson Station, R1, Box 77, Wind Ridge, Pa. 15380.

Shawnee, Box 67, Schellsburg, Pa. 15559.

Worlds End, Box 62, Forksville, Pa. 18616.

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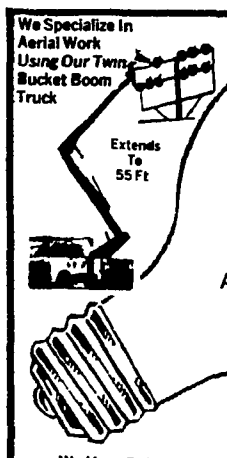

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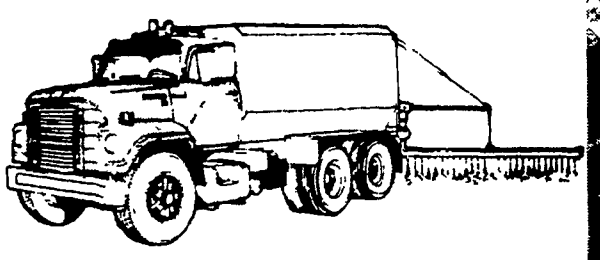

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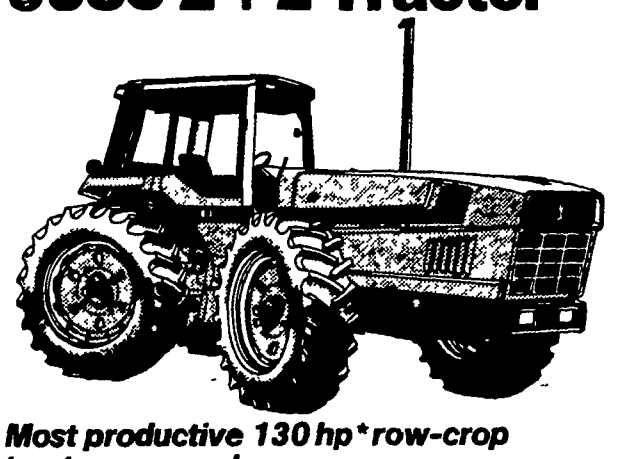

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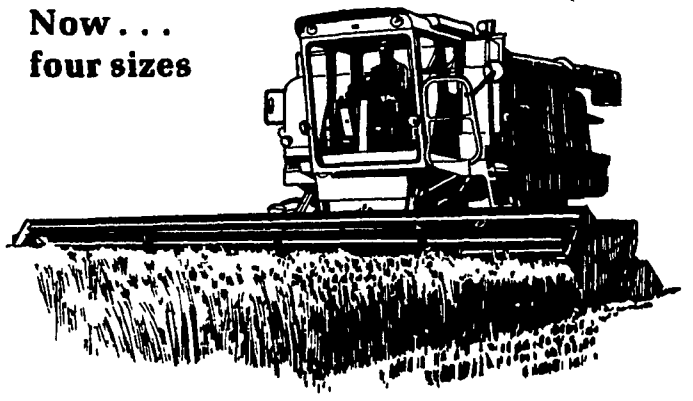

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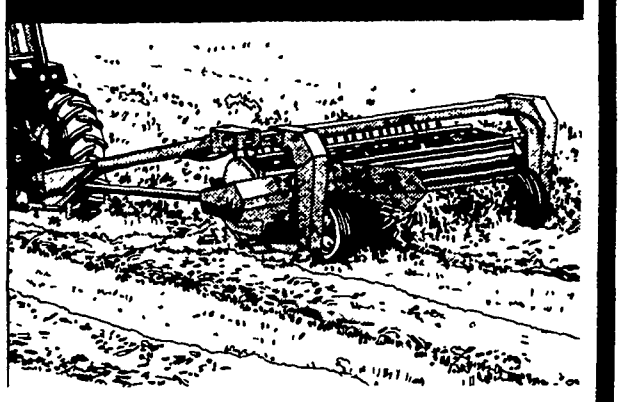

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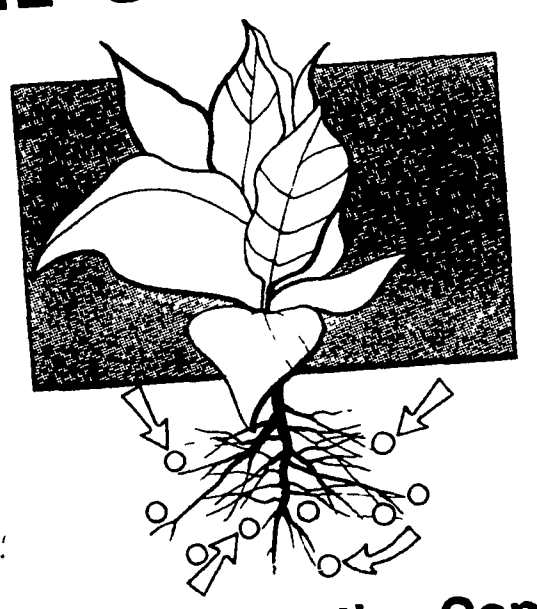
Celebrities help coax in Dairy Month

All kinds of celebreties "lend a hand" to help usher in Dairy Month.

At the left, former Lancaster County Commissioner Ray Herr tries his hand at milking. He also has a technique all his own. With his left hand he tips the bucket toward the source, rather than aiming the stream of milk toward the bucket.

At the right, Lancaster County Commissioner James Huber assumes the Yogi Berra baseball stance. In a crouched catcher's position, with his cap turned backwards, Huber concentrates on the task at hand.

Ridomil® in the soil



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Ridomil destroys diseases present in the soil. Then it is absorbed by the roots and moved systemically throughout the plant to protect your tobacco as it grows.

For the best two-way action against blue mold and black shank, follow your label directions—use Ridomil in the soil.

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More accustomed to reporting the news than making it, Roxanne Stein, Lancaster TV personality, on the left applies the amateur female touch. By her expression, it appears that she is having some limited success.

But this is how it is done. Lancaster Dairy Princess Lucinda Landis, on the right, demonstrates just how easy milking can be when you know how.

June is dairy month

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NEDCO talks milk marketing

BY SHEILA MILLER

STOUCHSBURG — Discussions on milk marketing and the current pricing problems facing dairy farmers highlighted the program of the Northeast Dairy Cooperative Federation meeting here on Wednesday evening.

Speakers Jim Beaver, Bellefonte, a recently retired NEDCO director, and Ralph Smith, NEDCO's director of education, spoke to the group of dairy farmers on legislation and situations that have led to the milk glut being experienced nationwide.

"The smaller farmer is more affected by the government's price support program," stated Beaver. "He has to watch his figures more closely and keep production up to meet expenses. That is getting rougher and rougher in these times of inflation and price fluctuation."

Beaver pointed out a lot of young dairy farmers are buying more cattle to add to the milking string in order to increase their income. This is just adding to the milk surplus already being experienced, he commented.

Citing some statistics, Beaver noted the average milk production per cow this year is up 65 pounds over last year's average. Pointing to a graph, he showed how this year's milk production did not drop in February and March as it has in years past — instead it has constantly climbed.

Along with the higher production, Beaver blames the "terrible flux of milk" in the U.S. to the greater number of cows. And, he cautioned the farmers, there are more replacement heifers waiting in the aisles than there are dairy cows in stanchions.

"If you don't believe me, go to an auction barn and see what dairy heifers are selling for," he suggested.

Going back in time, Beaver explained to the group how the Russian grain sales affected the dairy industry.

"It was never more profitable to make milk than in May, 1977," he said. "That was before we started selling grain to Russia.

"After the grain exports started, we saw feed prices go up. As a result, dairy farmers had to learn how to feed their cattle more efficiently. Now, even in drought years, our dairy cows can shove out the milk."

Beaver pointed out the support price and the price for milk have increased over the years. But now with the surplus, some milk being shipped to Wisconsin is being sold for as low as $4 a hundredweight.

The past NEDCO director noted the price received for nonfat dry milk over the years has followed along with the increases in milk price. However, the American cheese and butter prices didn't follow the support price as some economists claim.

He also noted the price for manufactured dairy products climbed above the average price for all other foods in 1979 and stayed above in 1980 due to energy costs.

With the current surplus situation, Beaver explained dairy farmers will have to be cautious or they might lose their markets and see prices fall.

"Pretty soon you won't even be able to sell milk products to the government. When interests rates go up, commercial stocks go down while the government's gets bigger," Beaver said. "Why would a commercial outfit put their money in milk now when they can let the government buy it, and in five months, they can buy it back and make 40 cents on it?"

Beaver pointed out 7.7 percent of all the milk produced in the U.S. was purchased by the government this year.

"If you don't want to advertise and promote milk, you shouldn't produce it," Beaver concluded. "Dairy farmers need to come up with promotion funds that can compete with the money spent on advertising beer and soft drink."

Ralph Smith, director of education, discussed the various pricings in the milk industry — support, market, and basic.

"Support price, established by Congress in 1949 at 75-90 percent parity, insures consumers have an adequate supply of milk and gives farmers the incentive to produce it," he explained. "Market price is the price the farmer receives for the milk. And basic price is the Minnesota-Wisconsin price — the general indicator of the value of manufactured grade milk price based on the supply-demand prices received by 14 plants not under the federal order."

Smith pointed out graphically that the support price has fluctuated over the years, but is now over the market price since April of last year — currently 12 cents over.

"Support programs are not designed to help farmers, but to help consumers obtain a commodity at a 'reasonable' price," he stated.

Smith said with a milk price of $14.58, at 80 percent parity, the support price would be $12.80 — a difference of $1.78; with a milk price of $13.65 at 75 percent parity and the same support price, the difference would be 85 cents; and a milk price of $12.72 at 70 percent parity winds up with an 8 cent difference. Currently, the difference is 6 cents, with an average 72 percent parity over the last several months.

Since President Reagan dropped the semi-annual price adjustment, it will take dairy farmers several years of selling milk under supply and demand for things to even out, Smith noted.

He projected the market situation might improve if Midwest dairy farmers who have the option of selling their corn instead of feeding it through beef and dairy cattle decide to sell their grain.

"This is the critical week," Smith chuckled. "After this it will get hot and the flies will come — our milk production will go down."

Milk talks

(Continued from Page A1)

state could have difficulty in learning the names of those producers who are not participating in the federal programs.

Another method would be for the state to collect from all producers and have those who pay into the federal program be exempted from paying that portion which would go to the state to cover the three-quarters of one percent assessment.

Also in the coordination of the two programs, it could be possible that the state would make a direct contribution from the funds it collects toward the federal order programs for their continued operation.

The upcoming session with USDA marketing officials will have a significant bearing on the future of the State Milk Marketing Promotional Program, which has been in a holding position since officially proposed last November.

Originally, the state's schedule had called for the holding of a referendum among producers over the past winter and, if approved, to initiate the program on July 1.

In a separate program involving the state's dairy industry, the Pennsylvania Milk Security Fund, which was signed into law last July, had a balance of $126,179 as of April 30.

This is the amount of funds which have been generated by the cent per hundredweight assessment among dealers who have opted to participate in the fund.

Thirty-one dealers are participating in the fund and 89 dealers have opted not to participate.

The amount of bond on file as of April 30 totals $71,306,030.

Also 72 dealers have sufficient collateral that they require no bonding and 23 co-ops have opted not to contribute to the cooperative fund.

There is a total of 215 licenses granted by the Milk Marketing Board.

The licensing year runs from July 1 to June 30 and some movement of dealers into or out of the security fund could take place at renewal time.

Photo Contest

(Continued from Page A1)

people posed with their favorite dairy animal. It could have been taken at a show or around the farm.

Comic or cute - any photo of a dairy animal in a funny situation or one that suggests a humorous caption. Also, cute photos, such as bottle feeding a calf or a barn kitten catching a spray of milk.

Scenic - any photo showing dairy animals against a pretty, natural background, such as your pasture or meadow.

Three cash awards will be made in each of the categories. These include a $50 first prize, a $30 second prize and $20 honorable mention. That's a total of nine prizes worth $300.

Winners will be selected by an independent professional photography representative and announced in the first issue in July.

Content of the photos will be the primary consideration in the judging. But the photos must be clear enough to permit reproduction. Both black and white and color photos are eligible. They must be at least snapshot size.

Winning photos will be published in Lancaster Farming. Entrants wishing return of their photos should include a stamped, self-addressed envelope with entries.

Each photo should be accompanied by the name, address and telephone number of the entrant and the category in which it is entered. Only printed photos will be accepted - no slides or transparencies.

Please, include a Lancaster Farming mailing label with all entries. Youngsters should use their parent's label.

So, let's see your favorite dairy photo. Send it to:

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State quarantines 17 more PRV herds

LANCASTER — Forty-two herds of hogs are now under quarantine in Lancaster County after an extensive pseudorabies study, conducted by the state's Bureau of Animal Industries in April, identified an additional seventeen herds afflicted by the disease.

During the month-long survey, a total of 202 herds were tested in an area extending from the Pennsylvania Turnpike, east to Bowmansville and Goodville, south to New Holland and Leola, and west to Ephrata — about 50 square miles. More than 2,000 hogs were bled by federal and state veterinarians and technicians.

The new herds under quarantine are clustered around the original outbreak area, according to a Pennsylvania Department of Agriculture spokesperson. Eleven of the seventeen are strictly feeder pig operations.

When outlining the survey plans in March, Dr. Max VanBuskirk, chief of BAI, stated the survey would provide the information needed by the state to determine whether the disease could be eradicated and if a feasible plan could be developed.

Now that the testing has been completed, VanBuskirk will be taking recommendations for regulation changes to the Secretary of Agriculture on June 4.

According to Van Buskirk, eradication of pseudorabies in Lancaster County is possible with farmer cooperation. However, he voiced some hesitation at its effectiveness since there still are inadequate interstate regulations for controlling movement of feeder pigs.

"If the state has to pay indemnities to cover the losses to operations who receive salvage value for breeding stock, it will cost roughly $300,000," he stated. "We don't have that kind of money. And, I don't feel we're justified in asking for it when we have inadequate federal support."

VanBuskirk said the BAI plans to deal with the pseudorabies problem in Lancaster County by applying informal pressures — showing the farmers the advantages of depopulating and cleaning up.

"We also will be letting the dairy farmers in the area know the potential threat of pseudorabies in their area. They may then apply some peer pressure to encourage clean up on the hog operations," VanBuskirk said.

Since the outbreak over a year ago, there has been one instance where a farmer lost 14 head of cattle due to pseudorabies, with several other cases where fewer numbers died because of contracting the disease from hogs.

Van Buskirk cautioned farmers that the vector problem increases during the summer, so pseudorabies should be a greater worry to the adjacent dairy farmer.

As far as an all out campaign by the state to test, quarantine, and depopulate, Van Buskirk said nothing is planned.

Regulation changes to be recommended to Secretary Hallowell will call for stricter control on the movement of both feeder pigs and breeding stock. However, Van Buskirk noted it will take at least six months until the regulations go into effect.

The recommendations call for restricted movement of breeding stock or feeder pigs unless they test negative or are from a pseudorabies free herd. Otherwise they would only be allowed to go to a quarantined feedlot, Van Buskirk explained.

"At the present time, there are no regulations controlling the movement of hogs in the state — just recommendations," he said. "That's one of the reasons why we made the survey. We didn't want to write regulations we can't live with."

Veterinarian explains PRV

By Dr. Larry Hutchinson
Extension Veterinarian,
Penn State University

LANCASTER — Pseudorabies is a virus infection of pigs and occasionally of other species of animals. Recently there has been a lot of interest and concern about Pseudorabies because the number of infected herds has been on the increase, especially in the major hog producing states of the Midwest.

There have been a limited number of infected herds in southeast Pennsylvania in recent months. The first cases were diagnosed in January of 1980. Most of the infected herds have been in northern Lancaster County, southern Lancaster County and southern Berks County.

Currently the infection seems to be confined to herds in the Ephrata and New Holland area of Lancaster County.

The good news is that a vast majority of Pennsylvania's hog farms are apparently free of Pseudorabies (PR). The bad news is that we have a small area of infected farms that could be a source of spread to other areas.

The Pseudorabies virus can cause a highly fatal infection in baby pigs. They may show scours and vomiting along with fever trembling and incoordination.

Older pigs may show fever and incoordination, but recover in several days. Sows may have abortions and mummified fetuses. They may also show respiratory signs. After an acute episode of PR, most pigs in an infected herd may look normal but breeding efficiency may be seriously affected.

While Pseudorabies is mainly a disease of swine, it can affect other animals, too. Cattle, sheep, goats, dogs, cats and perhaps other animals that are exposed to infected swine may contact PR. In these animals the disease almost always causes death. Cattle show intense skin irritation and will scratch or bite at some particular part of their body. They stagger and eventually go down. Death is within a few days of the first signs. Cats, dogs, sheep and goats also show nervous signs and "mad itch."

Pseudorabies does not affect humans.

Although PR presents serious and dramatic signs in baby pigs and in other species, it may be very mild in feeder age pigs. It you have unexplained illness and loss in any animal, particularly if nervous system signs are seen, get professional help from your veterinarian or a diagnostic lab. Diagnosis of the disease can be confirmed by autopsy. There is also a blood test that will detect hogs that have been exposed to PR.

How you can protect your farm:

1. If you have breeding hogs, try to maintain a closed herd. Don't buy additions unless absolutely necessary.

2. If you do buy breeding stock, buy only from known PR-free herds. Pennsylvania has a program of blood testing to qualify breeding herds as PR-free.

3. Isolate new additions from the rest of the herd for at least 30 days after purchase. Blood test them

(Turn to Page A38)

York Pork Producers barbeque for promotion

BY JOYCE BUPP
Staff Correspondent

YORK — "Promote pork" is the goal of the York County Pork Producers Association. In order to acquaint the consuming public with new and better ways to cook and serve pork, the swine growers have scheduled a line-up of promotional activities throughout the summer months.

Fixin's for over a thousand barbequed ham sandwiches will be readied for the crowd expected to turn out for the June 6 Strawberry Festival at the Blevins Orchards south of Stewartstown. Pork growers are preparing to roast a whole pig in addition to the 30 boneless hams they'll barbeque for festival goers.

"Pork Goes To School" is a national promotion program the York Pork Producers will take to the county's high school home economics teachers during the school vacation break. Porkette members Darlene Bankert and Yvonne Trestle are heading up this consumer education effort.

The home-ec instructors will be treated to a dinner and given pork cookery kits, including booklets on preparations, recipes, and cutting. Pork growers will cap that off with a grant of $50 worth of pork to each home-ec department to be used in conjunction with the cookery directions recommended in the national program.

The popular barbequed ham sandwiches will again be the center of interest at the Pork Producers' food sales booth at the Labor Day Peachilicious Festival at the Maple Lawn Farms, New Park.

Wrap-up event for the summer promotions will be the annual Pork Cook Out King contest, set for Saturday, September 12 at the York Fair.

Last year's winner, Joe Shaffer of Airville, went on to take the state cookout king crown, and recently competed at the national level, placing fourth in his category.

Association officers also have voted to continue a swine barn decoration competition during the York Fair. Cash prizes will be awarded to the most attractive displays above pens of pigs entered by 4-H and FFA youth members.

Officers elected during the recent meeting to head up the Pork Producers Assocation are Larry Seitz, Stewartstown, president; James Parlett, Airville, vice president; Donald Sunday, York, secretary-treasurer; and Roger Bankert, Hanover, assistant and news reporter.

Nat'l Corn Growers look forward to July convention

DES MOINES, Iowa — "The 23rd Annual Convention of the National Corn Growers Association will be held at the Hyatt Regency Hotel in Columbus, Ohio, on July 15-18, 1981," announces NCGA President Bill Mullins.

"This convention is planned in the middle of July for several reasons, the most important one of which is to allow for maximum corn farmer attendance during the growing season of the corn," he explains. The final developments of the 1981 multi-year farm bill can be presented and debated, and there should be some sharper outlook for the resumption of U.S.-USSR grain trade within the context of another post-embargo trading structure."

In addition to a normal schedule of business meetings of the NCGA Board of Directors and a general meeting of the NCGA delegates, the July 15-18 NCGA Convention will highlight the national winner of the 1980 Corn Yield Contest; and the outlook and prospects for "new concepts in corn production in the 1980's."

For further information, contact Mrs. Connie Johnston, Program Coordinator, National Corn Growers Association, 510 East Locust, Des Moines, Iowa 50309; telephone, 515/244-1212.

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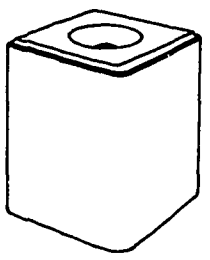

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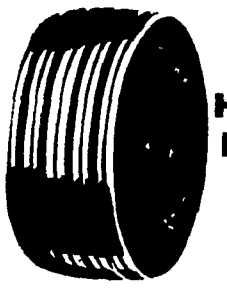

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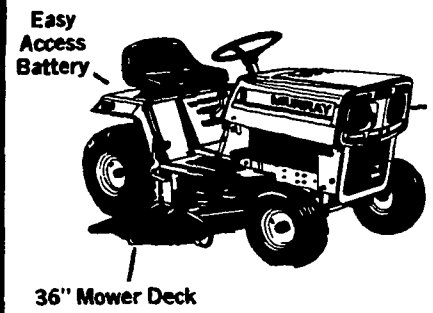

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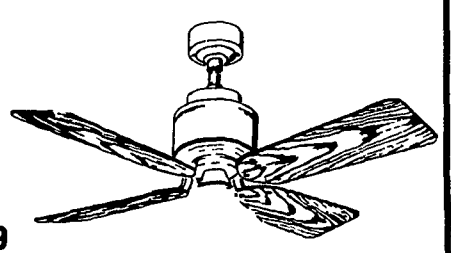

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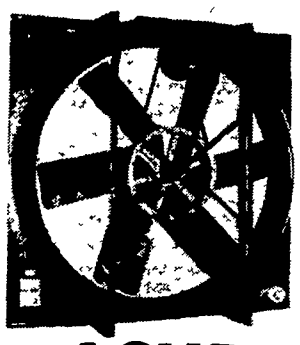

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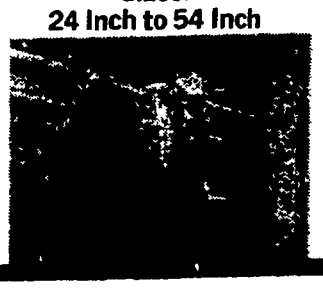

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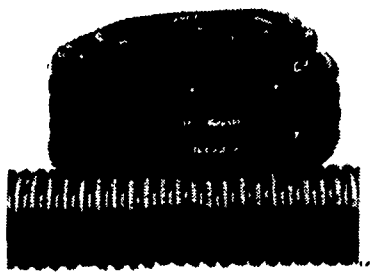

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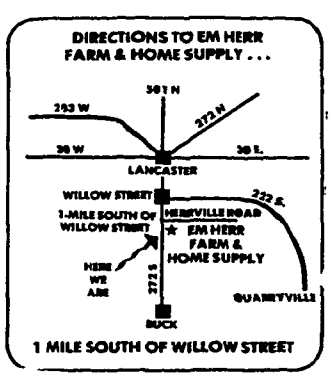

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Timely beef marketing pays

DENVER, Colo. — During the past several months, the cattle industry again has experienced the adverse effects of over-feeding and over-finishing market-ready cattle.

National Cattlemen's Association Marketing Committee, along with the Feeder Advisory Council, has developed and analyzed information on this problem. The committee is headed by Tom Remington of California; staff director is Eldon White. The council is chaired by Ray Larson of Illinois.

Over-finishing has several negative impacts on cattle prices and profitability:

- As cattle are fed to heavier-than-normal weights, the tonnage of beef that must be marketed is increased. When the tonnage is greater than otherwise would be the case, there inevitably is some adverse effect on the market.
- The feed requirement for maintenance (as compared with weight gain) increases substantially with heavier animals; rate of gain slows at heavier weights; feed conversion efficiency suffers; cost per pound of gain increases greatly; and interest cost rises.
- The longer cattle are fed, the more Yield Grade 4 and 5 cattle are produced. The usually big discount on YG 4 cattle means lower average price for the feeder (and ultimately for the producer).
- Excessive numbers of market-ready and overly finished cattle mean a weaker bargaining position for the feeder. Cattlemen wind up with lower cattle prices and a smaller-than-normal share of the available beef dollar.
- Consumer demand for beef is weakened if there are large amounts of excessively fat and undesirable beef.

During the period of January-March, 1981, U.S. commercial cattle slaughter was up 5 percent from a year earlier. On top of the beef tonnage increase resulting from larger slaughter was an increase resulting from heavier average slaughter weights.

During the first quarter, USDA slaughter weights averaged 7 pounds heavier than a year earlier. This was equivalent to 4,000 more cattle to kill each week. It means an extra 1.5 pounds of beef per capita which had to be pushed through the marketplace at a time when we already had record large per capita supplies of all meats.

As cattle increase in weight and more gain is in the form of fat, feed requirements (and costs) per pound of gain increase greatly. The daily energy requirement just to maintain a steer goes from 6.41 megacalories (Mcal) at 800 pounds to 8.14 Mcal at 1,100 pounds. Energy to produce a pound of gain goes from 6.98 Mcal at 800 pounds to 9 Mcal at 1,100 pounds.

Cattle will generally increase their daily consumption of feed until they weigh about 1,000 pounds; at heavier weights, daily feed consumption levels off, average daily gain drops, much of the gain is in the form of fat, and feed efficiency worsens.

John McNeill, Texas Extension Service, estimates each additional 10 days on feed (above 100 days) add an average of 93 cents to the cost per cwt. of gain over the total feeding period.

For each additional 10 days of feeding beyond 100 days, the incremental cost of gain goes from $74.61 per cwt. (during the first 10 days) to $135.66 (during the time from 200 to 210 days on feed). These figures include feed cost of gain plus interest.

Assuming a steady market and adequate grade, the optimum time to market a steer is when the incremental cost of gain equals the average cost of gain—that is, when the cost of the last pound of gain equals the average cost for all pounds gained.

When cattle prices are rising, it is sometimes profitable to feed for an additional period, but that does not happen often or for long. On a down market, each additional pound of gain beyond the optimum point adds to the loss or narrows the profit.

Another problem with over-feeding is the higher percentage of Yield Grade 4's (and 5's) and the substantial discount against 4's. The carcass beef spread between 3's and 4's got as wide as $18-20 per cwt. during the past six months.

Some processors no longer use YG 4 or 5 carcasses at all. The extra trimming labor and other problems mean rejection of 4's.

The percentage of retail cuts is reduced substantially as YG worsens. A YG 3 carcass contains 18.5 percent fat; while a YG 4 carcass has 23.7 percent fat and a YG 5 carcass 28.9 percent fat. The lean meat yield is reduced. When boxed beef is worth $1.35 per pound, a 700-lb. carcass with a YG of 5 is worth $47.25 less than a comparable YG 3 carcass.

When determining the cost of over-feeding, it is necessary to include loss of revenue as a result of more YG 4's.

If a steer is fed from 1,064 pounds to 1,173 pounds, the higher cost of gain and higher YG 4 percentage means the feeder must get $3.48 per cwt. more just to cover the higher costs and the YG 4 discount.

The bigger tonnage, heavier slaughter weights, backed up market-ready cattle, more costly gains and less valuable carcasses put the cattle industry into a worse bargaining position. This means a smaller share of the available beef dollar for cattle producers and lower cattle prices.

If the industry is timely in its marketing, cattle producers generally get 60 percent or more of the retail beef dollar. When cattle are backing up and are excessively heavy and fat, the farm value share drops to less than 60 percent of the retail dollar. The farm value was as low as 56 percent early this year. In April, the average was

(Turn to Page A38)

Price Increase Per Cwt. Needed to Offset Increased Costs (Assumed beginning breakeven of $69.63/cwt[1] at 955 lbs.)

Days on Feed (Weight)	—Percentage of YG 4's in Load[2]— 0%	2%	4%	6%	8%	10%
	$	$	$	$	$	$
0 100 (815) 955 final	**0**	0 16	0 32	0 48	0 64	0 80
110 (983)	**0.12**	0 28	0 44	0 60	0 76	0 92
120 (1010)	**0.35**	0 51	0 67	0 83	0 99	1 15
130 (1037)	**0 56**	0 72	0 88	1 04	1 20	1 36
140 (1064)	0 80	**0 96**	1 12	1 28	1 44	1 60
150 (1090)	1 11	**1 27**	1 43	1 59	1 75	1 91
160 (1114)	1 51	**1 67**	1 83	1 99	2 15	2 31
170 (1137)	1 92	2 08	**2 24**	2 40	2 56	2 72
180 (1157)	2 42	2 58	**2 74**	2 90	3 06	3 22
190 (1173)	3 00	3 16	3 32	**3 48**	3 64	3 80
200 (1189)	3 60	3 76	3 92	4 08	**4 24**	4 40
210 (1204)	4 25	4 41	4 57	4 73	4 89	5 05

[1]Estimate by Dr John McNeill Texas State Extension Service
[2] Assumes $8/cwt live animal spread between YG 3 and YG 4

This table shows cattle prices needed to offset higher gain costs and lower returns as a result of more YG 4's. The screened area shows the trend in price increases needed as the cost and price problems worsen.

Choice Steer Prices, USDA Average Carcass Weights and Farm-to-Retail Price Spreads, 1979-1981

Year and Quarter	Choice Steers (Omaha)	Carcass Weight (Average)	Farm Value as % of Retail Value	YG 4 Price As % of YG 3
	$/cwt	lbs	%	%
1979				
Jan	60 35	626	63	94 47
Feb	64 88	621	64	95 42
Mar	71 04	623	65	95 04
1st Qtr Avg	65 42	623	64	94 98
Apr	75 00	626	66	95 21
May	73 99	632	63	95 74
June	68 53	635	60	92 14
2nd Qtr Avg	72 51	631	63	94 36
July	67 09	632	59	89 79
Aug	62 74	633	59	92 62
Sept	67 84	634	63	90 54
3rd Qtr Avg	65 89	633	60	90 98
Oct	65 82	639	61	91 72
Nov	67 01	636	63	89 05
Dec	67 78	639	62	88 73
4th Qtr Avg	66 87	638	62	89 83
1980				
Jan	66 32	644	59	90 47
Feb	67 44	645	62	92 54
Mar	66 88	643	61	92 12
1st Qtr Avg	66 88	644	61	91 71
Apr	63 07	641	59	91 70
May	64 58	642	62	90 22
June	66 29	639	64	90 54
2nd Qtr Avg	64 65	641	62	90 82
July	70 47	629	65	91 70
Aug	72 31	622	64	91 99
Sept	69 69	625	61	89 25
3rd Qtr Avg	70 82	625	63	90 98
Oct	67 18	629	60	88 34
Nov	65 05	629	57	85 95
Dec	64 29	634	58	87 54
4th Qtr Avg	65 51	631	58	87 28
1981				
Jan	63 08	644	58	85 99
Feb	61 50	648	56	88 34
Mar	61 41	645	56	88 67
1st Qtr Avg	61 99	646	57	87 67

See your nearest

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RD 1, Box 217A
717-658-7024

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Stanley A Klopp, Inc
Bernville, PA
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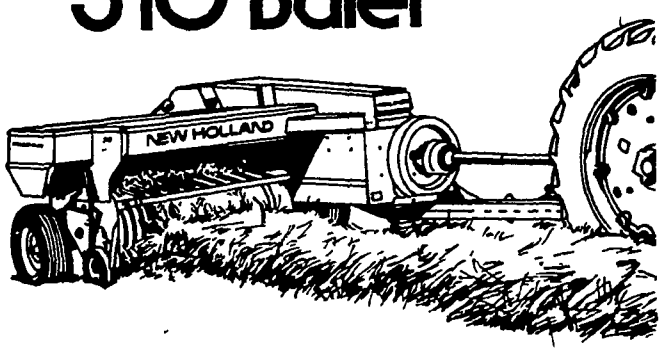
Try to find a better value baler.

310 Baler



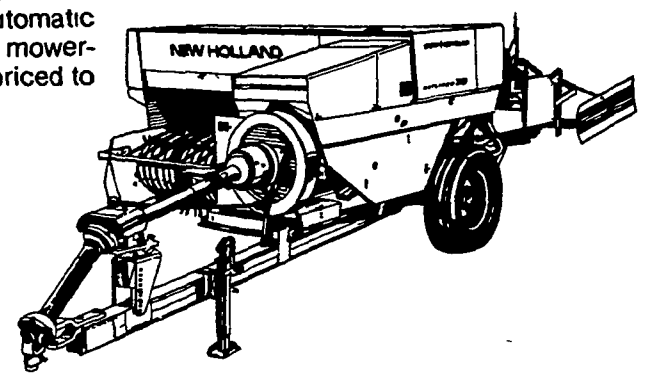
The 14" x 18" Model 310 baler features 75 strokes per minute for tight, uniform bales. The dependable knotter adjusts for various twine diameters. Flow-Action® feeding system gives good bale shape. You can choose standard or Super-Sweep pickup. Trade that old baler now because we're ready to deal!

Stop in and get a great deal on the Sperry New Holland Model 315 baler This 14" x 18" baler is built extra rugged to handle tough crops. It's designed to work hard and give years of dependable service.

Now's the time to buy because we're moving our complete stock of hay tools

Already have a new baler? Then stop in and see our Sperry New Holland automatic bale wagons and mower-conditioners. They're priced to sell, too!

315 Baler

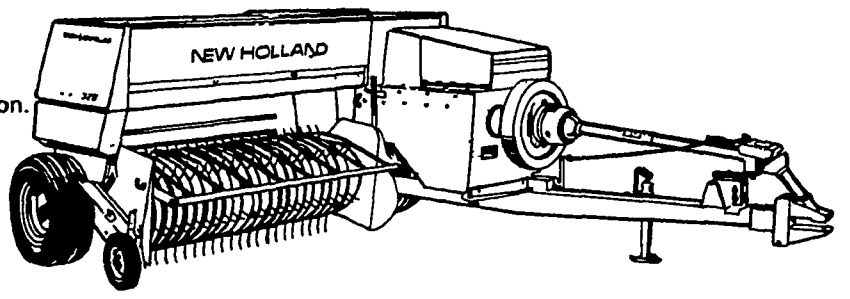


Top of the 14" x 18" line.

SEE YOUR NEAREST SPERRY NEW HOLLAND DEALER

- Designed and built for the big-volume hay growers and custom operators who make many thousands of bales each season.
- Makes ideal bales for mechanical bale handling.
- Famous Super-Sweep pickup is 75 inches wide and is offset to let today's wider tractors drive beside the windrow, not on it
- New, improved heavy-duty knotters and twisters for trouble-free baling

The bigger the job, the happier you'll be with a Sperry New Holland baler See the capacity of the Model 320 for yourself



Sperry New Holland Model 320 Baler.

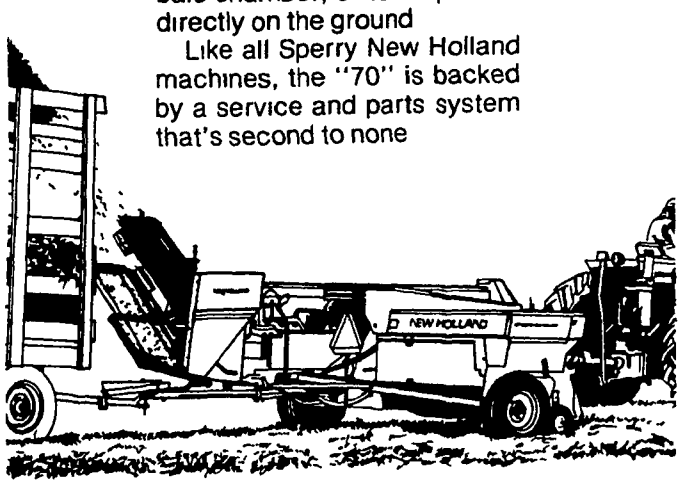
WHEN YOU FINISH BALING, YOU'RE FINISHED LOADING.

Model 70 bale thrower

The Model 70 bale thrower fits all three 14" x 18" balers in the Sperry New Holland line It's easy to maintain and reliable in operation

And . . . it swings up, out of the way for easy access to bale chamber, or to drop bales directly on the ground

Like all Sperry New Holland machines, the "70" is backed by a service and parts system that's second to none

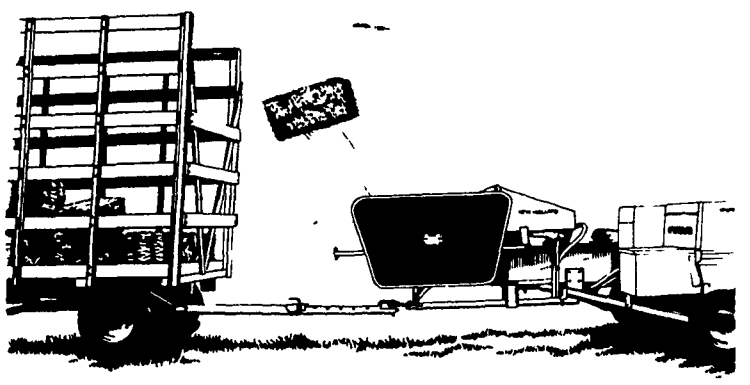


New 75 Hydraulic bale thrower.

The new Model 75 combines reliable hydraulic drive with overall heavy-duty construction, to give you a bale thrower with unmatched durability. It fits baler Models 310, 315 and 320. It'll throw twine- or wire-tied bales that are up to 41 inches long and weigh up to 80 pounds.

For convenience, the Model 75 is equipped with an automatic wagon hitch that lets you unhitch a full wagon without leaving your tractor seat.

And the electric control option provides fingertip bale placement control. Toggle switches mounted on a control box next to your tractor seat control bale direction and distance. You have complete throwing control, even while cornering.



Conserve water around the home

NEWARK, Del. — For bathing, for cooking, for laundering, for drinking—each of us uses an average of 60 gallons of water per day. That's triple the amount people used at the turn of the century, says Delaware extension home economist Deborah Amsden.

Environmentalists say we can no longer afford to use water at such a rate. Fortunately, there are many easy ways to conserve water around the home.

Don't use the toilet as a waste basket, and don't flush unnecessarily. At five to seven gallons per flush, the toilet accounts for 45 percent of all water used inside the home.

You can adjust the float level in the tank to reduce the amount of water needed per flush. In addition, a plastic quart bottle filled with water placed in the tank will save a quart of water per flush. Don't use a brick, as it could harm the plumbing.

When you flush, wait to make sure the water valve closes all the way. Also, to find out if the toilet is leaking, place a bit of food coloring in the tank at night. If the coloring seeps into the bowl, it's time for repairs.

Personal cleansing accounts for another 30 percent of indoor water use. Bathing in a full tub uses 36 gallons of water, while showering uses 25 gallons on average. But you can save water by bathing in a less-than-full tub, or by taking shorter showers. It helps to put an inexpensive flow restrictor into the shower head. Turning off the shower while you lather up saves five to ten gallons each time.

And if the whole family remembers to turn off the water while brushing their teeth, you can save an additional five to ten gallons per day. Instead of running the water while saving, fill the sink. Also, teach the children to turn off faucets tightly.

Dishwashing and clothes washing together account for 20 percent of indoor water use. An automatic dishwasher uses 12-17 gallons each time, although there are some new energy-saving models on the market that are designed to use less hot water. Run only full loads. Turning off the dishwasher for the drying cycle and letting the dishes air dry saves energy.

When hand washing dishes, wash and rinse in containers of water rather than under a running faucet.

Clothes washers use 27-50 gallons of water per cycle, so wash only full loads. If your machine has a water level control, make sure it's adjusted for small, medium or large loads. Using the suds saver saves 16-19 gallons of water per load, plus detergent and energy.

Another way to save energy is to wash clothes in warm water and rinse in cold.

Accumulate clothes for hand laundering in batches instead of one by one. Don't use running water.

Drinking and cooking account for the other five percent of water used inside the home. Keep a bottle of water in the refrigerator instead of letting the water run to get a cool drink. Serve water with meals only if people really are going to drink it. Don't use the garbage disposal for items just as easily thrown in the garbage can.

Don't use running water to quick-thaw foods. With a little advance planning, you can let the items thaw out in the refrigerator. Wash vegetables in a pan of water, and save the water for the plants. Use a minimum of water for cooking vegetables, and save the cooking water for use in soups and stews. It's high in flavor, vitamins, and minerals.

Replace defective faucet washers to eliminate all drips. Install aerators on faucets, pistol grip nozzles on garden hoses, and automatic shutoffs on lawn sprinklers.

Finally, insulate hot water pipes to reduce the amount of water that must run before you get hot water from the faucet. You'll save water, and the energy it takes to heat it.

Chianina Assoc. slates field day

LEBANON — The Northeast Region of the American Chianina Association announces their Sixth Annual Field Day on Saturday, August 15, 1981, at the Lebanon County Fairgrounds in Lebanon.

Being held in conjunction with the Field Day are the Northeast Region Junior Heifer Show and the Northeast Region Junior Chianina Steer Show.

Other activities planned include a 4-H and FFA Judging Contest, Adult Judging Contests, a Weight Guessing Contest, Showmanship Contests, a "Fun Auction", and various educational acitvities.

The Junior Heifer Show will be divided into three percentage groups, Purebred, Black, and Colored. A special $1000 award will go to supreme champion, two $500 awards to the other champions, and all reserve champs $250.

In the Steer Show a $500 award will go to the grand champion.

All cattle producers and their families are invited to attend. Further information may be obtained from James Glass, 230 Harrison Avenue, Glenside, PA, 19038, 215/887-0409, or by contacting the American Chianina Association, P.O. Box 159, Blue Springs, Missouri 64015, 816/229-1944.

Embryo Transfer Workshops scheduled

FORT COLLINS, Colorado — The College of Veterinary Medicine and Biomedical Sciences, of the Colorado State University, will offer two short courses on embryo transfer.

These courses will include approximately 2 days of classroom work and 2 live demonstrations. Persons attending these courses should be prepared to utilize this tool more effectively in managing their cattle and horses for maximum genetic improvement.

The programs on beef cattle transfer will include such areas as: heat detections, estrus synchronization and the economics of embryo transfer. They will be held August 26-27.

The programs for the horses will include such topics as: survival of the embryo, recovery of the embryo and transfer of the embryo into donor horses. These will be held August 28-29.

Enrollment in these courses is limited. Registration fees per course is $200. Payment and questions should be directed to: Dr. B.W. Pickett, director Animal reproduction laboratory, Colorado State University, Fort Collins, Co. 80523 (303) 491-6666.

xxx

During the 1904 St. Louis World's Fair, Louisiana Purchase Exposition, the World's first ice cream cone was introduced.

PRV

(Continued from Page A34)

again for PR before adding them to your herd.

4. Don't allow contact between feeder pigs and breeding stock on your farm.

5. Don't allow contact between pigs and cattle or other animals.

6. Have a veterinarian examine any sick pigs. Have a diagnostic lab autopsy any pigs that die.

In states with a high incidence of PR, two types of vaccine have been used: a killed virus and a modified live virus vaccine. Both vaccines reduce the chance of illness in vaccinated pigs. The vaccine does not eliminate the infection on a farm. Vaccinated pigs can carry the virus. Vaccinated pigs test positive on the blood test and can't be differentiated from infected animals.

Use of PR vaccine slows down the eradication process, particularly in low incidence states like Pennsylvania. The use of Pseudorabies vaccine is not permitted in Pennsylvania.

Pennsylvania has an enviable record regarding Pseudorabies. It is a good place to buy PR free breeding stock and PR free feeder pigs. Pennsylvania has been free of PR for many years. We now have a small pocket of infected herds. Hog producers and other livestock producers have a lot to gain if we can clean up Pseudorabies and stay free of it.

Beef marketing

(Continued from Page A36)

back up to 59 percent as numbers of over-fed cattle decreased.

Consumer demand for leaner beef is increasing. Excessively fat beef hurts demand because such beef is perceived as being especially high in calories and in waste. Again, we have a negative effect on cattle prices.

Now, as never before, it pays to market cattle when they are ready. We have ample evidence that, when very many cattle producers over-feed, profits are narrowed and/or losses are increased.

The fact is that, even while large supplies of all meats, cattle prices during the past several months could have averaged considerably higher-and costs could have averaged less-if more cattle had been marketed when ready, at lower average weights, without so much trimmable fat. Results for most individual cattle producers as well as the industry in total.

Reprinted from Nat'l Cattlemen's Assoc. by Beef Business Bulletin, May 15, 1981.

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Herd records improve farmer efficiency

LANCASTER — The Dairy Herd Improvement Association's testing program is designed to help dairymen manage their herds more profitably and improve the selling value of their cattle.

In Lancaster County, 825 herds are enrolled in the Extension Service milk testing and recordkeeping program. Sixteen DHIA supervisors work closely with these farmers, helping them to interpret data, vital to increasing profits.

"This information has helped and encouraged farmers to manage their herds more efficiently," says Glenn Shirk, Lancaster County Extension agent.

County herds on DHIA averaged 14,936 pounds of milk per cow per year. This is 5,263 pounds more than the average cow not on DHIA in the state. At a net value of $11.75 per hundred pounds of milk, this amounts to $618.40 more income per cow each year.

Multiply this by the 27,353 cows on official DHIA test in Lancaster County, plus about 18,000 on DHIA owner sampler testing, this amounts to a value of over $28 million annually.

"This is the direct value of DHIA information to county dairymen each year when they use it to better manage their herds. And, this doesn't even include the $1,200 increased sales value per cow for all those sold with official production records," the Extension agent emphasizes.

Indirectly, all dairymen benefit from the program. DHIA records have made it possible to identify and locate the top producing dairy sires in the country by summarizing the production of all their daughters.

The data bank, along with artificial insemination, has made it possible for all dairymen to have easy access to top production sires in the United States at a nominal cost.

Hoffman is new information chief

HARRISBURG — Lantz A. Hoffman, public relations officer for the Game Commission for the past two years, has been named chief of the agency's division of information and education, succeeding the retired Stanley E. Forbes.

Hoffman, of Dauphin County is a veteran journalist and career professional in mass communications and public relations. He'll be responsible for the direction of the Game Commission's information and education programs.

He will be succeeded as public relations officer by John W. Plowman, Jr. of Cumberland County.

A past president of both the Pennsylvania News Broadcasters Association and the United Press International Broadcasters of Pennsylvania, Hoffman served for a number of years on the Pennsylvania Freedom of Information Committee.

Plowman, a native of the Harrisburg area, managed his own insurance and financial planning firm for sixteen years. An outdoor editor, photographer and public relations consultant since 1962, he is the author of numerous magazine, newspaper and special features.

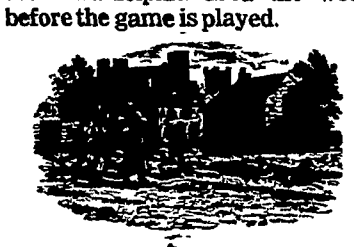
Milk, Phillies "play ball"

TOWSON, Md. — Milk is teaming up with the World Champion Philadelphia Phillies for a special promotion at the Phillies' home game on May 31.

The Phillies will host the St. Louis Cardinals that afternoon at 1:35 and every child under 14 attending the game will receive free a red vinyl jacket featuring the Phillies emblem and the "Milk...The Soft Soft Drink" logo.

Since no "milk day at the ball park" would be completed without the presence of a cow, Philadelphia disk jockeys Don Cannon, of WFIL, Tony Mann, of WCAU-FM and two as yet unnamed local personalities will square off in a cow milking contest before the game.

Pennsylvania Dairy Princess Cindy Neeley is featured in the television commercials for the game, which will run on stations in the Philadelphia area the week before the game is played.



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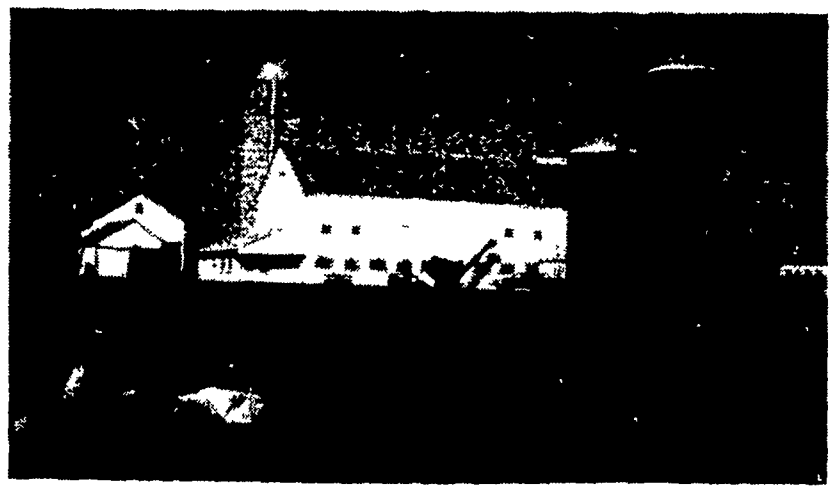
Dennis Weaver
Lititz, PA



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Farm Business News

Bank head cites loan data

BALTIMORE, Md. — Production Credit Associations' loan volume for operating and intermediate term needs is up 20 percent from a year ago, reports Gene L. Swackhamer, president of the Farm Credit Banks of Baltimore.

These operating and intermediate loans are at interest rates averaging more than 15 percent, he added.

"With money costs still rising, some of this loan demand surely will be dampened," Swackhamer said.

"However, a combination of declining interest rates and near-term optimistic farm income prospects could stimulate still heavier credit use for capital input items."

Requests for long-term money to finance farm purchases are down considerably from 1980, Swackhamer explained. He cited as reasons the reluctance of farmers to obligate themselves to long-term high interest costs and uncertainly regarding inflation and farm programs.

"Although the experts disagree somewhat, it appears that most are predicting a sizable increase in farm income for 1981, with estimates ranging from 15 to 20 percent," he said.

"If these predictions do become fact, one of the results is likely to be an increase in intermediate and long-term purchases. Last year's postponement of capital purchases also will contribute to an increased demand for goods."

3 new farm markets opening in Md.

ANNAPOLIS, MD. — Farmers' marketing opportunities for fresh produce are expanding in Maryland again in 1981 with three new markets set to open, bringing the total to 31 in Maryland and the District of Columbia.

According to Rick Baker and George Roche, marketing specialists with the Maryland Department of Agriculture, new markets will open this season in Baltimore City, Anne Arundel County, and D.C. Last year, at least six new farmers' markets were started.

Buyers in 17 Maryland counties, Baltimore City and D.C. now have regularly scheduled farmers' markets to shop as the idea of getting smaller fruit and vegetable growers together with shoppers continues to be a good thing from the standpoint of freshness, quality, selection and price.

The new markets in 1981 include: Anne Arundel County, set to open June 27, Riva Road at Board of Education Headquarters, to be held every Saturday morning; Gardenville Farmers' Market, in the 4400 block of Frankford Avenue, in the Gardenville section of Baltimore City, set to open June 20, to be held every Saturday morning; and the Benning Heights Farmers' Market, at 4801 Benning Rd., in D.C., st to open June 6, to be run every Saturday morning.

Shoppers interested in securing a detailed list of all the farmers' markets detailing addresses, hours and dates of operation, may pick one up free at their nearest public library.

Farmers' markets in 1981 will now serve the following counties: Anne Arundel (2), Baltimore City (3), Baltimore County (2), Calvert (1), Caroline (2), Carroll (1), Cecil (1), Charles (1), Frederick (2), Garrett (1), Harford (1), Kent (1), Montgomery (4), Prince George's (1), Queen Anne's (1), St. Mary's (2), Washington (2), Wicomico (1) and the District of Columbia (2).

Government booklets available

HARRISBURG — State Representative Don Dorr, R-York, today announced the availability for distribution of a booklet outlining the structure and functions of local government units in the Commonwealth.

The publication is entitled "Citizens Guide to Pennsylvania Local Government." It explains the role of the individual citizen as taxpayer, voter, property owner, and political constituent, and can serve as a handy guide to citizens with local government related problems.

"Every citizen in Pennsylvania lives within the jurisdiction of a county, a school district, and a municipality," Dorr noted. "This booklet explains the various powers each of these political subdivisions possess."

The York County lawmaker noted that decisions made at the local level very often have a direct impact on our day-to-day lives.

The guide may be obtained by writing to Representative Don Dorr, Post Office Box 15, House of Representatives, Harrisburg, 17120.

Equipment manufacturers see less optimistic year

SPRINGFIELD, Ill. — Farm equipment and machinery manufacturers in the United States now feel the 1981 dollar volume for retail sales will be up only 5 to 8 percent over last year — a less optimistic outlook than five months ago.

This median forecast was reflected in a new survey taken in May among its member companies by the Farm and Industrial Equipment Institute (FIEI) of Chicago.

Survey results were reported in the State of the Industry Update presented by Cecil Stralow, vice president and assistant general manager, Avco New Idea Farm Equipment, to more than 200 industry leaders attending last week's annual FIEI Spring Marketing and Management Conference.

"Key factors influencing the less optimistic (compared to January) outlook by manufacturers," Stralow pointed out, "include reduction in government support programs, continued rising inflation, high interest rates, low farm prices, low soil mositure and a strong potential for drought."

Those who thought business may improve these reasons: aggressive industry pricing actions, possible lower interest rates by harvest time and a pent-up demand for many products.

The survey was taken after the FIEI monthly report indicated sales of major farm machinery for the first four months of 1981 were running behind 1980 — a year that saw sales drop significantly below previous years' totals. Equipment includes tractors over 40 horsepower, self-propelled combines, balers (under 200 pound bales), forage harvesters, mower conditioners, manure spreaders and windrowers.

Figures in these forecasts reflect the median response range of 49 major producers of field machinery and 47 manufacturers of farmstead equipment. Members were asked to respond to questions pertaining to products they manufacture and sell, but to make the predictions on an industry-wide basis.

Farm Tractors

Last January, manufacturers thought total tractor unit sales would be up about 8 percent over 1980, but still 5 percent below the 1979 level. Now, 1981 unit tractor sales are predicted to be 170,000 units, 2.4 percent increase over 1980.

In the various horsepower classes, unit sales of two-wheel drive tractors under 40 hp. are predicted to be 1.5 percent less than 1980. That is 2 percent lower than January's estimate of 47,000 units.

Two-wheel drive tractors in the 40-99 horsepower class are expected to be 59,000 units, 1.5 percent up from 1980. But that is 4 percent lower than the 61,500 unit market predicted in the January report. Sales of the 100 and over horsepower two-wheel drive tractors are now expected to be up 4.2 percent over last year, but that is still 16 percent below 1979 and 11 percent under the January estimate.

The big four-wheel drive tractors are predicted to increase 5.6 percent over last year. With unit sales of 11,500 that would be about even with 1979.

Combines

Last January's prediction called for 1981 unit sales of self-propelled combines to be 29,500 units — a 14.7 percent increase over 1980, or about 2,700 units below 1979 sales. Now, the forecast is for 28,700 in 1981, an 11.5 percent increase from 1980.

Tillage

The outlook for sales of moldboard plows is set at 24,000 units, about even with 1980 but about 6 percent below January's estimate. Sales in 1979 were 31,740 units and the reduced outlook is based on an observable slow but positive move toward such practices as no-till, limited-till or one-pass tillage.

The difficulty in predicting how rapidly this change will take place is reflected in the median forecast for disk harrows. While it is set at an increase of 3.7 percent, the individual estimates ranged from minus - 35 percent to plus - 31 percent, an indication of the persisting uncertainty in the tillage equipment market. The January prediction called for a 24 percent increase so at least some of the general optimism is gone.

The updated forecast calls for sales of field cultivators at 14,333 units, down more than 2,500 units from last January's estimate but five percent above 1980's actual sales.

The outlook for chisel plows at a 12.7 percent increase is about the same as predicted in January but 13 percent below 1979 unit sales.

Hay and Forage

The market for balers in the under 200 lb. bale class was off 25 percent in 1980. For 1981, it is expected the market will be 14,000 units, less than January's forecast but about the same as actual sales in 1980.

Large round baler sales are expected to be up 9.5 percent to 18,000 units in 1981, about 16 percent below 1979 and 1,000 units less than it was thought could be sold five months ago.

The forecast for forage harvester sales was backed off from a 13 percent increase to a 3.6 percent increase for 1981 over 1980, 21 percent below 1979 unit sales. Predictions for mower conditioners were also reduced — from plus - 8.2 percent to plus - 5.4 percent above 1980 — still down about 20 percent from 1979.

Grinder mixers are predicted to be down two percent in 1980, 8 percent lower than the January forecast. If this is correct, sales in 1981 will be 83,000 units, nearly 29 percent less than 1979 unit sales.

Farmstead

In the following product categories, manufacturers forecast the change in retail dollar sales:

Portable farm augers and elevators are predicted to be even with last year, a five drop from the earlier estimate.

Sales of bin type crop dryers are also expected to be even with 1980 according to the median forecast but again there was a wide range among manufacturers' predictions. This is a weather-related market and thus viewed with some uncertainty.

Most now feel dollar sales of batch and continuous flow dryers will decline 5 percent, as opposed to the January forecast of a 6 percent increase.

Farmstead equipment for dairy and beef is expected to be even with 1980 in contrast to an earlier expectation of a 5 percent increase.

Similar equipment for hog production will probably increase about 3 percent, according to the survey, but that is not even one-third of the increase manufacturers in this business predicted in January.

The expected 4 percent gain in dollar sales of grain bins forecasted last January is now thought to be more like a 5 percent decrease.

All in all, the State of the Industry Update indicates manufacturers believe it will take most all of 1981 to recover from last year's precipitous declines in retail sales. They see any real turn-around being moved well into 1982.

The companies which participate in this survey manufacture more than 90 percent of this nation's field machinery and farmstead equipment sold in this country and overseas. They are all members of the Farm and Industrial Equipment Insititute (FIEI), the national trade association for equipment manufacturers.

Suggested Reading

Penn State offers farm management handbook

PENN STATE — A successful farm manager will have two plans of work – a short-run plan used to evaluate the next year's operation and another based on a sufficiently longer period of time to permit adjustments in land, labor, capital, and management utilization, according to the "Farm Management Handbook" published by The Pennsylvania State University's College of Agriculture.

"There are a number of ways to improve farm income, and not all of them involve increased size or the expenditure of additional capital," says Dr. Virgil E. Crowley, Penn State Extension farm management specialist and one of the book's authors.

Doing things at the right time will often produce more income, reducing costs means more net income, and a reorganization of the crop and livestock enterprises may increase income significantly, Dr. Crowley points out.

The revised Handbook, developed by five Penn State farm management specialists, includes data helpful to farmers and to individuals assisting farmers with management problems and with development of farm-operating plans.

The role of the farm manager, problems of the decision-making process, and the construction of partial and complete budgets are featured in one section of the book.

Dairy budgets and related information, major livestock enterprise budgets, and budgets for fruits, vegetables, and field crops also are included.

The 160-page book may be purchased for $8. Send check or money order payable to The Pennsylvania State University, along with your name and address to FARM MANAGEMENT HANDBOOK, Box 6000, University Park, Pa., 16802.

Anchor reports additions to silage inoculant line

ST. JOSEPH, Mo. — Anchor Laboratories announces two new additions to its line of bacteria and enzyme silage inoculants.

Sila-Lator 2X is the new concentrated formulation of the dry granular Sila-Lator. Only one-half pound of Sila-Lator 2X will treat one ton of any silage. With this new concentrated form, there's less weight and bulk to handle, store and dispense.

Anchor also is introducing a new five-ounce envelope of water soluble Silage Inoculant 160X. When the pre-measured five-ounce quantity is dissolved in water, it will treat 50 tons of silage. A minimum of one pint of inoculant solution should be used to treat one ton.

This convenient, smaller size sealed foil envelope protects against moisture or contamination. Envelopes are easy to store in freezers or refrigerators. Farmers can buy only the quantity of inoculant they need.

Research shows the supply of good preservative bacteria in much silage isn't adequate to produce the plentiful supplies of lactic acid needed for fast preservation.

Both Sila-Lator 2X and Silage Inoculant 160X provide tremendous populations of living lactic acid-producing bacteria. These inoculating bacteria quickly destroy spoilage bacteria and molds, and reduce overheating. Selected bacteria strains enhance aroma and flavor, too.

For details, write Anchor Laboratories, 2621 North Belt Highway, St Joseph, Mo 64502.

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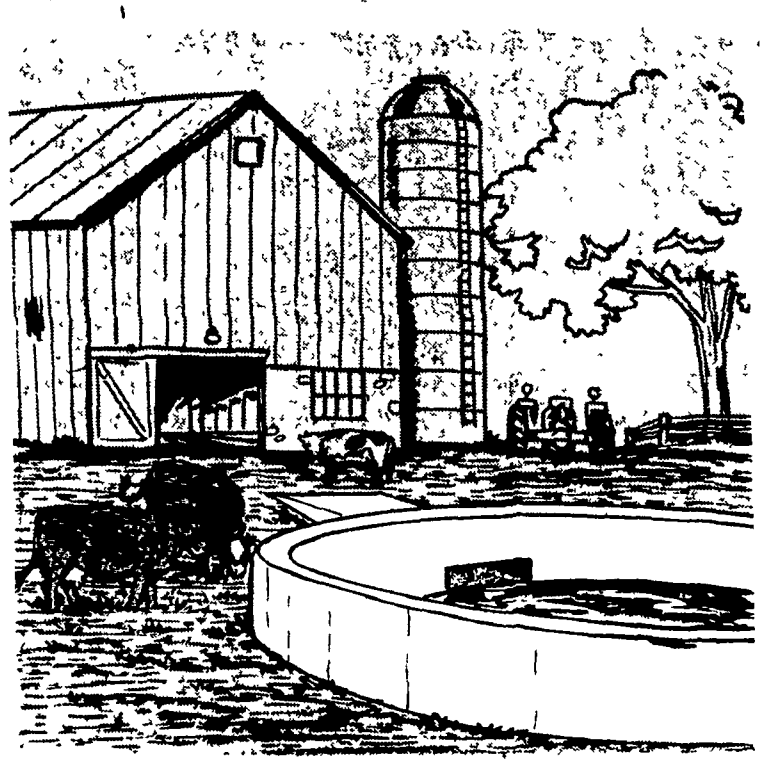

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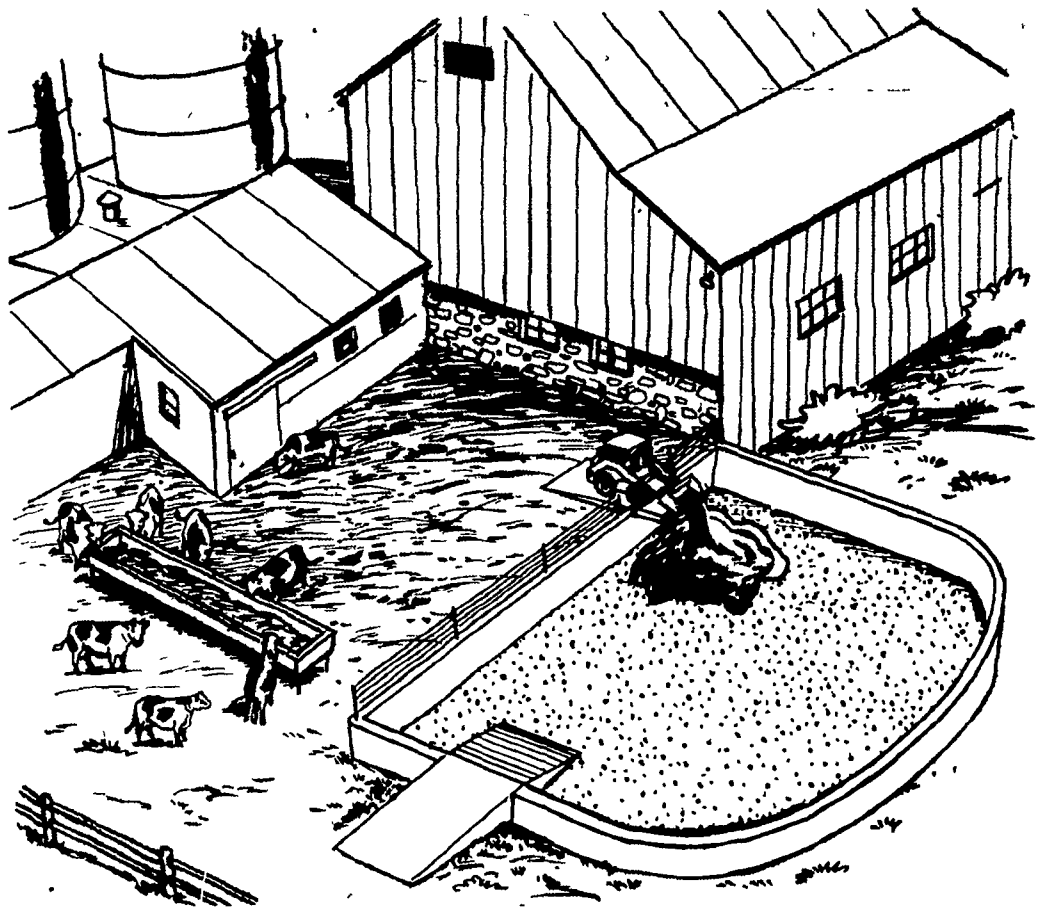

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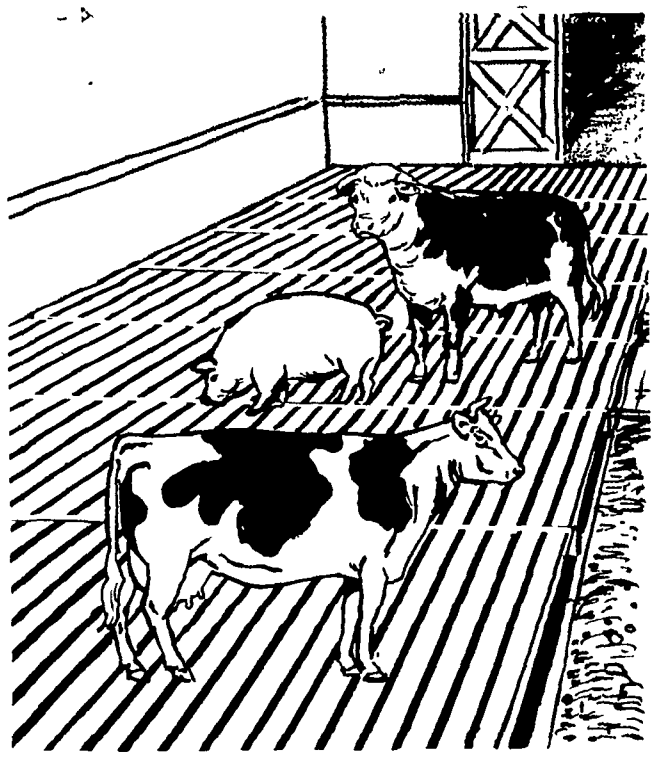
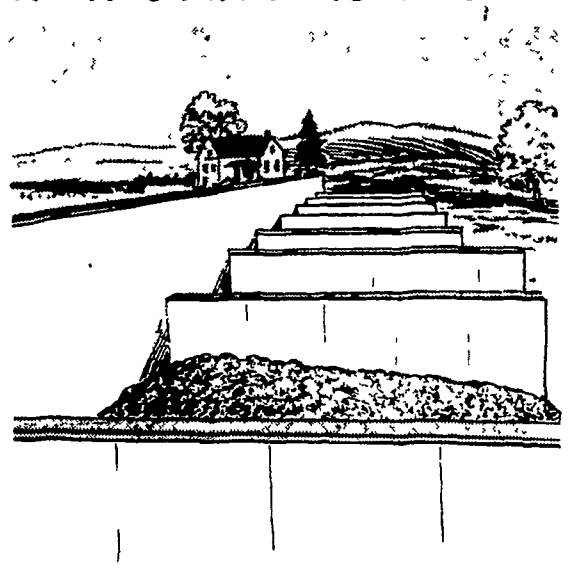


Building & Foundation Wall Construction



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Bird quarantine stations may be closed for operator's violations

NEW YORK, N.Y — New regulations authorize the U.S. Department of Agriculture to close a commercial bird quarantine station if the operator or key staff personnel are convicted of a crime involving the importation or quarantine of birds or animals, a USDA official said.

John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, said federal regulations previously have authorized the closing of quarantine stations only after the stations are inspected by a USDA veterinarian and a lengthy judicial review.

During the time required, infected birds could introduce foreign bird and poultry diseases into the United States if they were not properly handled.

"While the new rules give operators the right to a hearing, they also give us the right to move quickly to prevent the spread of potentially devastating plagues, such as exotic Newcastle disease, that could be introduced by unscrupulous bird importers," Atwell said.

He said within the past month a Miami bird importer, B.R. Slocum, and four associates were convicted on five criminal counts of fraudulent and illegal bird import activities. Also in recent years, a number of outbreaks of exotic Newcastle disease have been traced to smuggled birds.

Under the new rules, a quarantine station operator is entitled to notice of USDA's intended action, the reason and the opportunity for a hearing and judicial review. However, a USDA deputy administrator may close a facility immediately if there is a need to protect the public interest, health and safety. The closing would become final only after due process.

Grounds for closing a station are: failure to comply with bird import and quarantine regulations, conviction of any crime involving the importation or quarantine of an animal or bird, and conviction of a crime involving fraud, bribery, extortion or other offenses involving a lack of integrity necessary for the operation of this type of business.

These new rules were proposed by USDA officials last November and a 60-day comment period was provided. All 14 comments received were in support of the strengthened regulations. The new regulations were scheduled to be published in the May 11 Federal Register, and become effective June 11.

Adaptable weeds fascinate expert

COLUMBIA, Mo. — Weeds are tough. Maybe even smart.

They're proving their mettle on the oldest plot for continuous agricultural research west of the Mississippi River — much to fascination of weed expert Richard J. Aldrich.

The place is Sanborn Field on the University of Missouri-Columbia campus where aureomycin was discovered in 1945 and where crops have been grown continuously since 1888. Some plots have never seen a herbicide in all that time.

Aldrich can point to two stark examples where weeds have changed in response to crops. And the UMC agronomy professor figures scientists can learn plenty from studying what happened here.

In one plot, timothy had been grown continuously for the past 31 years. But this season, following reseeding last fall, the crop was overrun with a variety of wild barley called "little barley."

"Reseeding apparently provided a seedbed for the little barley seeds present in the soil," Aldrich said.

"The barley was as thick as a good lawn; it looked just like somebody sowed it in the plot."

Little barley is an uncommon weed, but grew with the timothy because the two plants had different growing seasons. Little barley, which can grow as a winter or summer annual, begins growing in the early fall when timothy stops. This way the crops grow together and make use of the same land for 12 months.

In the other example, Aldrich noticed even a greater difference in side-by-side plots of wheat.

In one of the plots, wheat had been grown for 93 years. Before spraying with 2, 4-D, the plot was crowded with such pesky weeds as shepherd's purse, peppergrass and pennycress — all winter annuals with life cycle similar to wheat.

The other plot of wheat nearby was rotated with clover and corn. This plot had almost none of the winter annuals present in continuous wheat, and the crop was significantly taller.

"These plots tell us that if a farmer uses a single practice long enough," Aldrich said, "the weeds will eventually shift to those adapted to that practice."

A place like Sanborn Field is valuable, he said, because "few places have a clear a historical record of crop production and are able to provide such direct comparisons. For example, we know our weed problems in corn changed following first the use of 2, 4-D and later the use of triazine herbicides, but we did not have the 'check' which Sanborn Field provides.

"The pressure to prevent crop losses from weeds has caused most research to be done only to discover methods for weed control after a problem exists," said Aldrich.

WHAT'S NEW

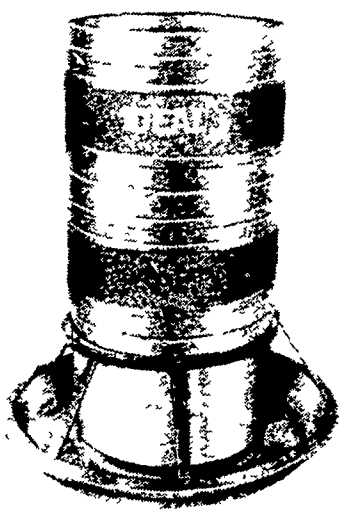
Ideal designs hog feeder product helps sprays

CONRAD, Ia. — A low maintenance hog feeder combining rotary hopper and stainless steel construction recently has been introduced by Ideal Livestock Equipment.

The stainless rotary feeder is designed so the entire hopper rotates, preventing the feed from bridging to help maintain a positive flow.

Its stainless steel construction provides long life and low maintenance in confinement use. An easy crank-type feed adjustment at the top of the feeder leaves clearance for drop tubes of automatic feed systems or can be fitted with an optional outdoor cover.

The one-piece base and bottom hopper ring of the feeder are made from long lasting 304 stainless steel. The remainder of the parts are made of galvanized steel to provide an economical yet durable feeder. An extra deep lip helps prevent feed loss. Either an eight divider grill for finishing or a 12 divider grill for nursery stock are available. The stainless steel parts of the feeder carry a five-year guarantee against failure resulting from corrosion.



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Tractor service manual available

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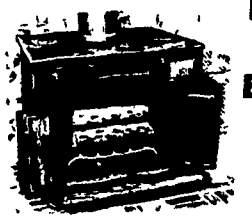

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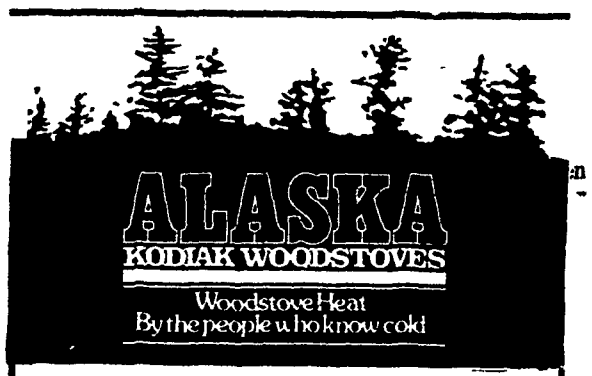

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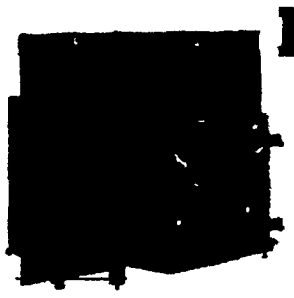

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Peat may be harvested as energy source

UNIVERSITY PARK — The second largest source of energy in the U.S. — unused but available — is a product estimated to equal about 240 billion barrels of crude oil. That resource is peat, often described as "young coal" and widely converted to electric power in parts of Europe.

Peat has been studied as an alternative to fossil fuels, such as coal and gas, by John W. White at Penn State. White entered the "fuel arena" while testing and developing insulating materials for greenhouses. He serves a dual role as professor of floriculture in the College of Agriculture and as associate director of the Office of Industrial Research and Innovation.

He said the use of "young coal" as fuel in Ireland, Finland, and Russia — especially the latter — shows that peat can compete on a cost basis with other fossil fuels. Russia exports oil, gas, and coal — and has no scarcity of these resources — but at the same time operates about 76 peat-fires electric power generating plants.

"We can assume that using peat in these Russian power plants must be more economical than bringing coal, oil, or gas into the areas of peat deposits," White commented.

Peat is found throughout the U.S., it was noted, but the largest supplies exist in Alaska (outside of the permafrost regions), Minnesota, Michigan, Florida, Wisconsin, Louisiana, North Carolina, Maine, and New York.

"Many of the peat-rich states have no significant supplies of other fossil fuels," White observed, adding that "countries such as Finland, Sweden, and Iceland have no other fossil fuels."

In its natural state, peat contains about 90 percent water. The water content can be reduced to 50 percent or less by drying peat for a few days. Peat harvested for power generation in Russia, Finland, and Iceland is burned at 35 to 55 percent moisture content.

Experiments are underway to use peat as fuel in the U.S. A study made for First Colony Farms of Creswell, N.C., examined large-scale peat harvesting for power generation. The results showed that it is technically and economically profitable to produce peat for fuel at 35 to 50 percent moisture to airy drying.

White said the peat bogs of the U.S. contain some 53 million acres of this product. World peat resources are estimated to exceed the energy equivalent of 1800 billion barrels of oil.

Burning this fuel would not destroy peat sources used widely in the U.S. as soil conditioners in the field of horticulture. Peat is of three types, it was explained, and the kind used to improve soil — fibric peats formed from spagnum and other mosses — is not suited for fuel.

The most burnable type is hemic peat — formed from reeds, secges, swamp plants, and trees. Such peat has a higher heating value than fibric peat. The third type is sapric peat. Thoroughly decomposed, sapric peat burns poorly in generating power.

The Penn State scientist cautions that large-scale use of peat for fuel should be evaluated first for its effect upon the environment, as with development of any alternative energy source. For example, the harvesting plan should include control of surface and groundwater flow throughout a project area.

"Peatlands are wetlands. It may be desirable to preserve and portect such wetlands to preserve certain unique biological species," he stated, adding that "work must be done to identify such areas."

On the other hand, large-scale use of peat can improve productivity of land. Relatively few of the peatlands in the U.S. are productive today except for removing peat. Harvested peatlands can be used to grow some crops, White said, or can become wildlife habitats, lakes, ponds, and energy farms.

In Europe and Canada, harvested peatlands have been used successfully for farming. First Colony Farms in Creswell, N.C., mentioned earlier, have reclaimed harvested peatlands for agricultural uses.

USDA traps over-wintering Medflies

NEW YORK, N.Y. — The presence of wild Mediterranean fruit flies, trapped within quarantine areas of California recently, was "expected and anticipated," according to an official of the U.S. Department of Agriculture.

"This latest trapping of emerging 'overwintering' populations of Medflies is not an indication of a new infestation, and therefore, is not a cause for alarm," said Bill Helms, associate deputy administrator with USDA's Animal and Plant Health Inspection Service. "We expected it, and anticipated it.

"Pupae in the soil were slowed down in their development because of cooler temperatures. Now they are emerging, and we are trapping some of them," Helms said. "The Medflies we're trapping — the latest in Santa Clara and Los Gatos — are ones in which lifecycles were extended because of the cooler temperatures".

The criterion for determining whether a problem is occurring is contained in the newly released Mediterranean fruit fly environmental assessment. The test is directed toward a spring population which is reproducing itself, not just the 1980 "late bloomers."

"If a number of wild Medflies are trapped after a specified period of warmer soil temperatures," Helms said, "that would suggest that new reproduction was taking place."

Wild Medflies are being closely monitored with traps set by USDA and California Department of Food and Agriculture authorities.

"Along with the traps, we currently have equipment in the ground to monitor soil temperatures so that we can better estimate when most of the overwintering emergence is completed," Helms said.

While the latest trapping results revealed the presence of the once-dormant "native" population, the traps also catch sterile Medflies.

Medflies are rendered sterile or incapable of producing progency when they are irradiated in an early stage of development. Releases of sterile Medflies in hopes of eventual eradication in an infested area continued through the winter months. These sterile fly releases were supplemented by repeated ground applications of a malathion/protein bait spray to attract and kill the fruit and vegetable nest.

Sterile Medfly rearing facilities in Hawaii are maintained by the USDA's Science and Education Adminmistration and by the California Department of Food and Agriculture. Facilities under the sponsorship of APHIS in Mexico and a Peruvian source also produce sterile Medflies used in the California eradication program.

"The total number of sterile Medflies — since June 1980 — as of May 7 released by air and on the ground is more than 2.6 billion flies," Helms said.

The latest catch, May 7, was of three immature females; one trapped in the city of Mountain View and two in San Jose. As of May 7, a total of 262 wild native Medflies have been trapped by USDA workers since June 1980. None of the 26 native wild Medflies caught since January of this year were male, Helms said.

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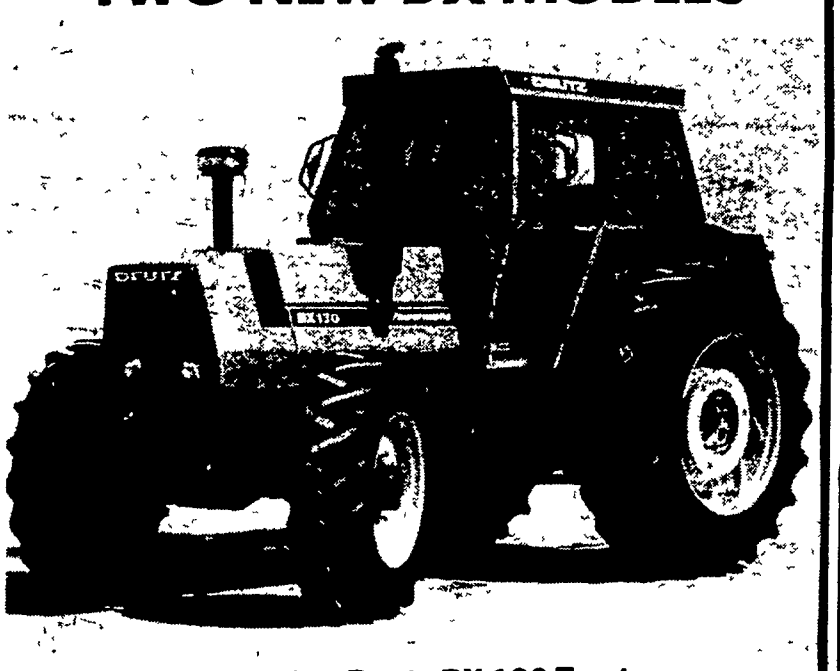

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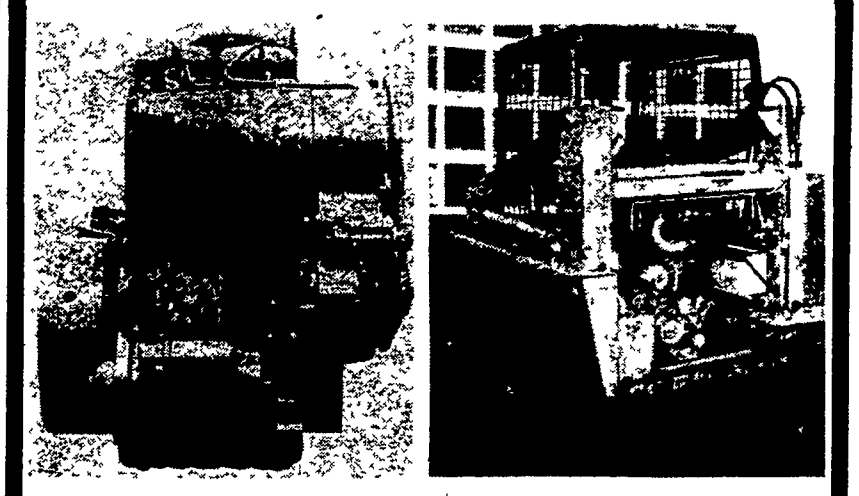

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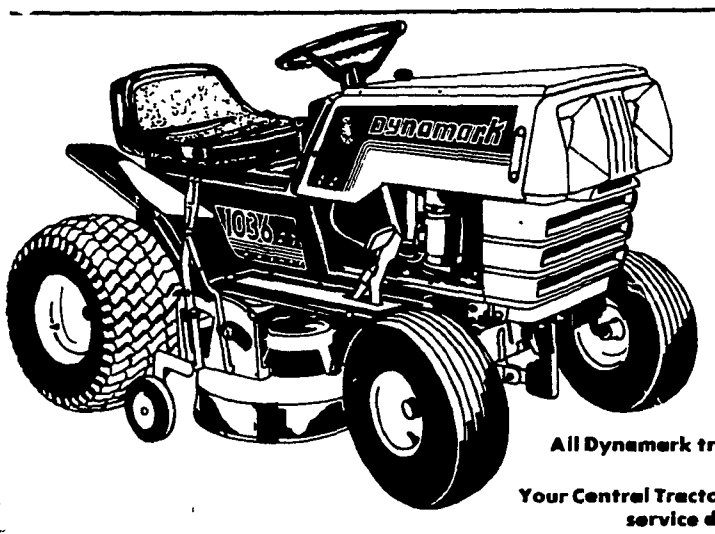

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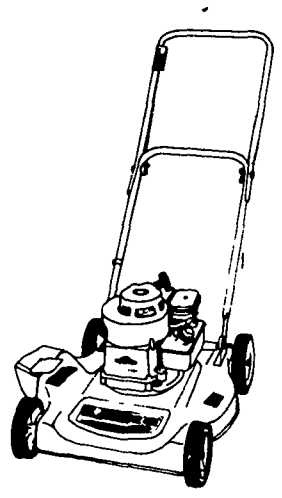

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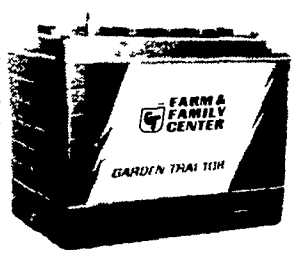

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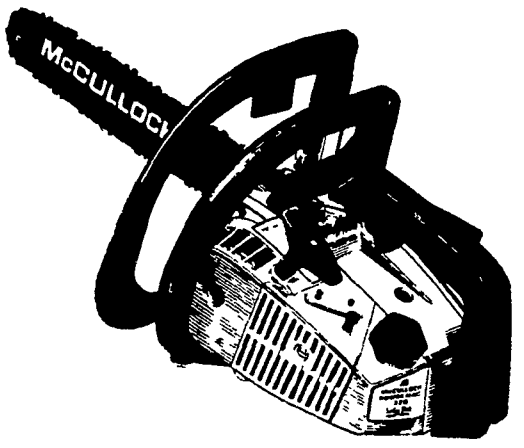

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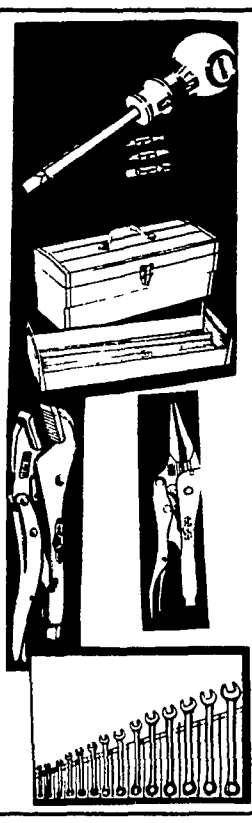

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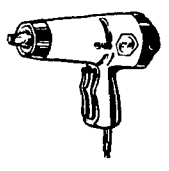

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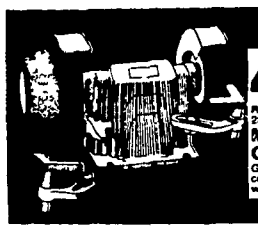

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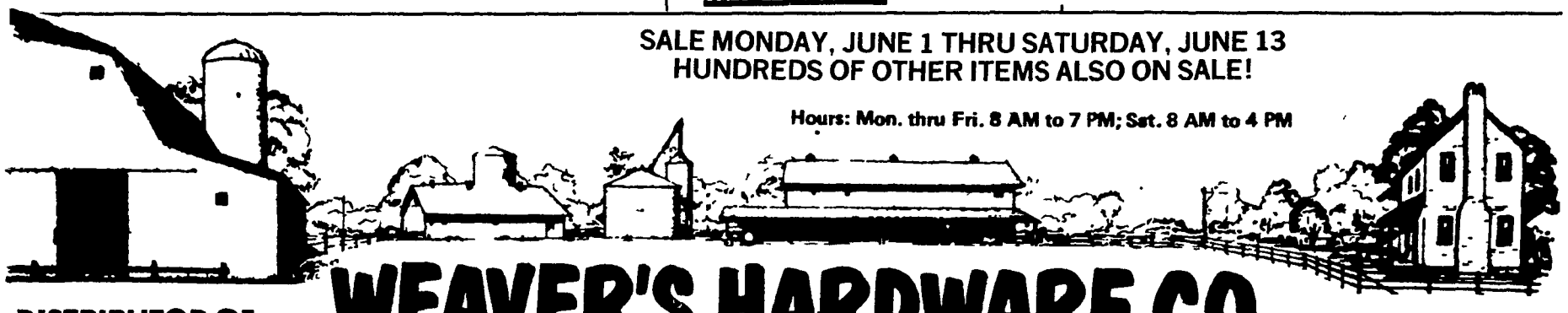

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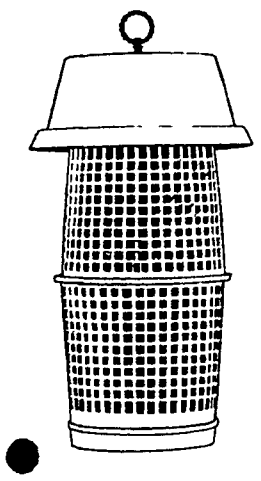

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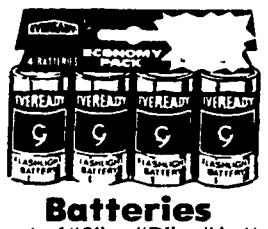

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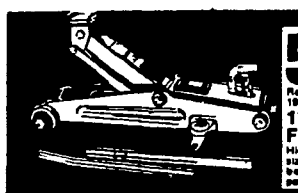

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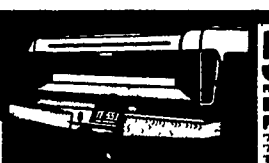

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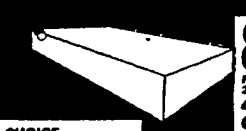

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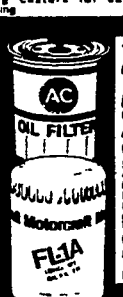

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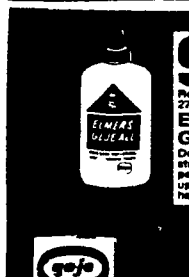

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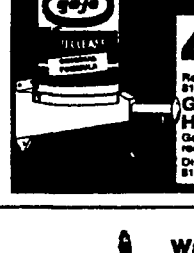

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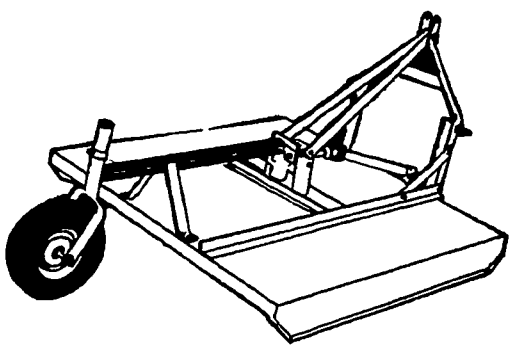

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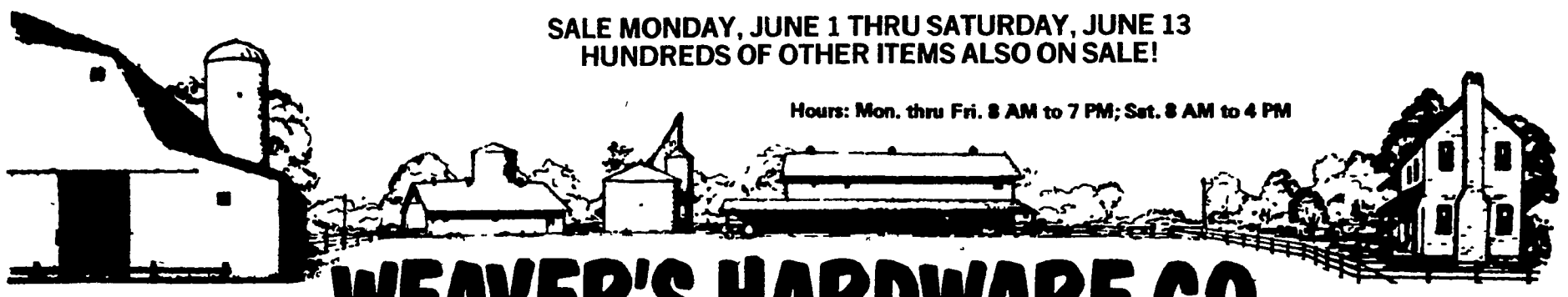

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Can cattle producers curtail boom-bust cycle?

WASHINGTON, D.C.— "The cattle cycle is an economic disease. We spend millions on animal diseases. How much do we spend on the real income killer, the cattle cycle?

"We view the cattle cycle, like death and taxes, as inevitable. I deny this. Cycles are predictable and their causes well known. Through research and education they could essentially be eradicated."

Willard Williams, professor of agricultural economics at Texas Tech, made this statement in 1975, but he could say it again today.

In the past. cattle cycles caused great fluctuations in beef supplies, prices, and the value of cattle inventories. In the 1970's, some producers saw the value of their herds cut almost in half when the cycle triggered the sharpest liquidation ever.

The cattle industry is now in a rebuilding phase of the eighth cycle since 1896. So, the question for the eighties is: Must the pattern of over-optimism, overexpansion, and huge producer losses repeat itself?

According to USDA economist Richard Crom, producers armed with accurate market information and knowledge of how to react to industry trends could help flatten out the peaks and valleys of production cycles.

"This is a real possibility now," says Crom, "because producers are more management-oriented and production units are larger."

Management followup is the key because information alone is just not enough. In the early seventies, high prices and reduced slaughter led many producers to ignore the basic data on total cow numbers. Ultimately, they suffered tremendous losses because record cattle and cow numbers, coupled with drought-reduced forage supplies, finally forced a record liquidation.

There's no simple explanation of how the cattle cycle begins, but let's start with the expansion phase.

Heifers that normally would have been marketed are held back and added to breeding herds. Additional cattle are put on feed. Thus, slaughter is reduced, beef supplies tighten, and prices increase for slaughter cattle and for breeding stock and feeders. Retail prices climb because of limited supplies.

Finally, cattle numbers become so large that increased slaughter is unavoidable. Prices fall. If producers panic and rush to sell, the market is glutted with beef and prices drop severely. Eventually, marketings decline and prices improve for cattle producers. Then, the expansion phase of the cycle takes over again.

One key factor in the cycle is beef biology. Quick reactions to market signals are impossible because so much time is involved in the reproduction of cattle — a factor that made the cycles run about 10 years each during the past three decades.

For cattle producers, the time it takes for a calf to reach market weight and the market prices received are important considerations in management.

"But if these internal factors were the only ones affecting cattle numbers, the degree of income adjustment for producers would be relatively minor," says Crom. "It's the outside forces — inflation, weather, exports, consumer spending, and feed prices — that can lead to major herd liquidation and trouble."

"Back in the seventies, just about everything went wrong," says Crom. "The unprecedented rate of inflation during the early part of the decade had a dramatic effect on input prices. Grain and energy costs more than doubled. Increased foreign demand for feed grains tightened domestic supplies. And on top of that, a severe drought in 1975 put more of a crunch on feed supplies and prices. Producers had expanded the U.S. cow and cattle herd to a record 132 million head by then, and the only way to go was to slaughter."

Cattle numbers remained about even throughout 1979, after declining 16 percent from 1975's record high. By January 1, 1981, the U.S. inventory had increased about 4 percent to 115 millionhead.

However, high interest rates, poor returns, and the 1980 drought have slowed expansion in 1981. The inventory on January 1, 1982 is expected to show an increase of only about 3 percent. Nevertheless, forage supplies this year will greatly affect the new figures.

For producers, this slow growth could be good news. Since the beef industry isn't rushing to overexpand, profits could again be in the picture. ESS economists currently expect the expansion phase to peak sometime after 1985, perhaps as

(Turn to Page B9)

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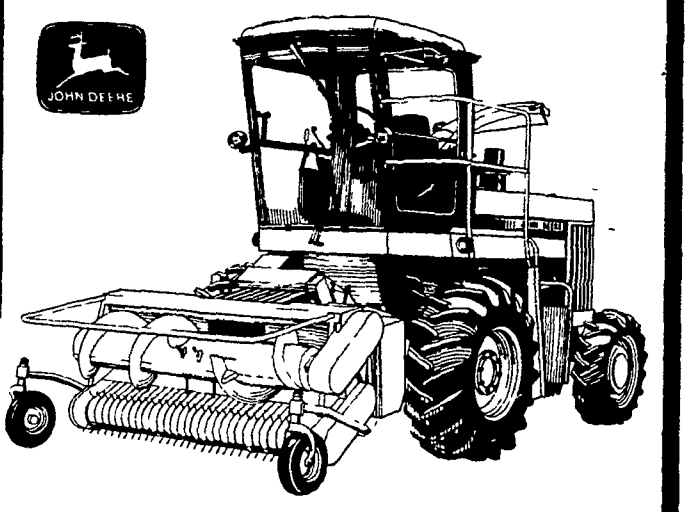

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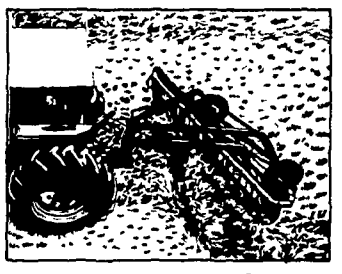

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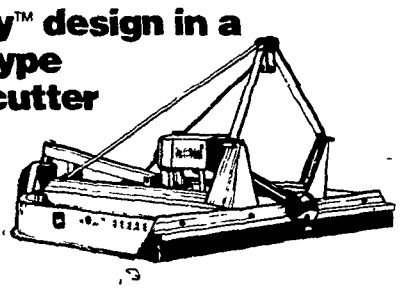

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Boom-bust cycle

(Continued from Page B8)

late as 1987. At the peak, the top cattle numbers are projected at 124 million head, with cow numbers approaching 55 million — well below 1975's record.

When liquidation begins, its extent and depth will depend on the combination of internal influences such as market prices, and outside influences such as inflation, supplies of competing meats, weather, and exports. Unless the outside pressures all push in the same direction, ESS projections indicate a modest liquidation over a 2-year period, probably in 1987 and 1988.

Fluctuations in supplies and prices could be reduced if production were geared to consumer demand. But this depends on obtaining answers to several questions. What is future demand? How can cattle inventory be adjusted to meet the demand for beef plus supplies of competing meats? Even if supply is matched to demand, can such a production level be maintained over time?

Answers to these questions are just what industry and USDA economists are seeking. Imagine a situation where production meets consumer demand at a price that gives producers a "break-even" return. Economists call this a "steady-state meat sector," one based on estimates of per capita demand for beef and other meats.

To maintain a "steady-state," a 1980 per capita beef consumption of 81 pounds retail weight and an inventory of 37.6 million head of beef cows would have been necessary last January 1. But, according to Crom, we actually consumed only about 78.3 pound of beef per person, and the January 1 inventory of beef cows was 37 million head. The discrepancy between 1980 "steady-state" consumption and actual 1980 consumption shows how difficult it is to control the cattle cycle.

Consider the difficulty of predicting consumer demand in 1990. Currently, for 1990, per capita demand for beef is estimated to increase to 89 pounds. A beef cow herd of about 47.4 million head would be required to meet that demand.

Working toward a steady-state goal isn't simple or automatically successful. But, according to Crom, balancing inventory growth with demand early in the cycle should lessen the degree of adjustment in cattle numbers a few years later.

The best hope for managing production cycles is to start with a well-planned program of information and long-term outlook conducted jointly by industry associations, the land-grant universities, and USDA, Crom says. Given the 3 to 4 year lag between the time expansion plans are made and the time production actually increases, cattle producers must be well informed on the rate of breeding herd retention.

Then the boom-and-bust cycle might be reduced and producers could escape the costly swings that have affected them for almost a century.

Premiums highest ever at Expo

LOUISVILLE, Ky. — Harold Workman, Manager of the well-known North American International Livestock Exposition, has confirmed that the 1981 NAILE will be the largest in history.

Workman said that the November 7-20 exposition will feature $300,000 in total premiums and awards, an increase of $75,000 over previous years.

When summarizing events to take place at the show this fall, Workman also confirmed that the North American International will feature a total of 50 breed shows and 26 sales.

Five livestock types will again be represented at the 1981 series of events, including beef cattle, dairy cattle, sheep, swine and quarter horses. In the beef division, 14 beef types will be represented; sheep will feature 11 types; dairy will feature 5 cattle types; swine will be represented by the Duroc breed; and Quarter Horses will again perform in a wide range of sanctioned competition.

The NAILE returns to Louisville, Kentucky, during November for the 8th consecutive year. According to expo management the first appearance took place in 1974 and featured only beef cattle and approximately $70,000 in total premiums.

Since that time the expo has grown to rank as the largest, indoor livestock exposition held anywhere in the world. During its two-week run in the River City, the expo is responsible for bringing more than 100,000 visitors and livestock specialists from around the world.

The NAILE will again be held at the Kentucky Fair and Exposition Center in Louisville. It is sponsored by the Kentucky Council on Agriculture and the Commonwealth of Kentucky.

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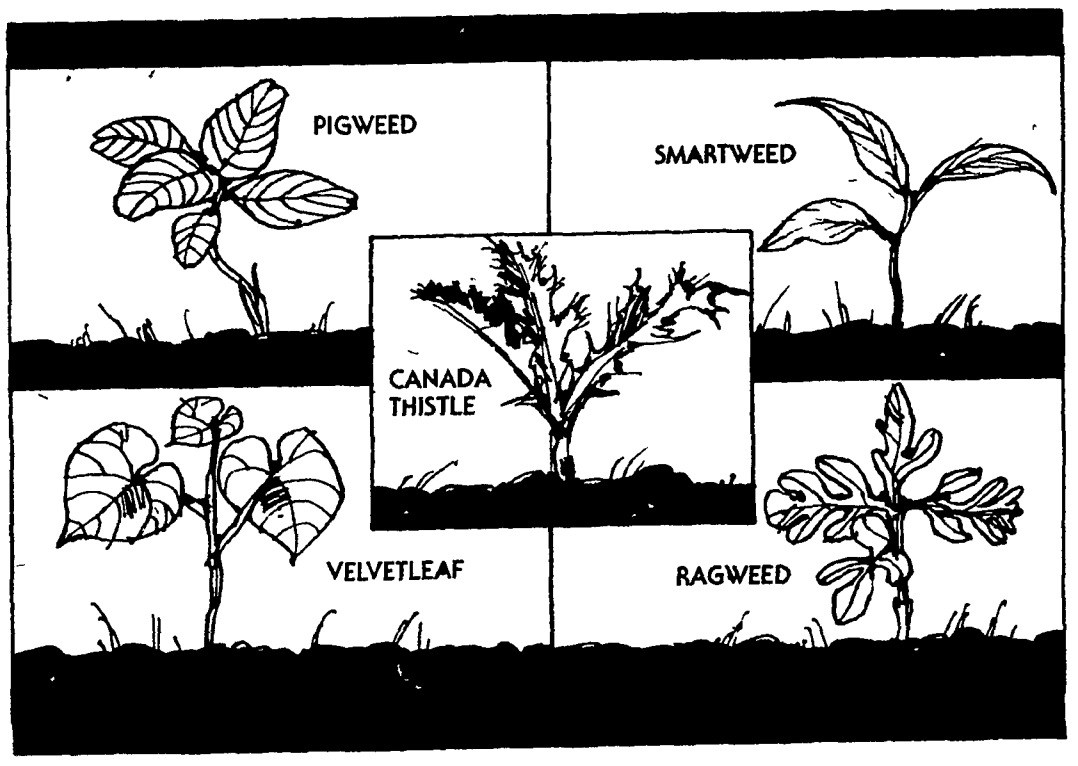

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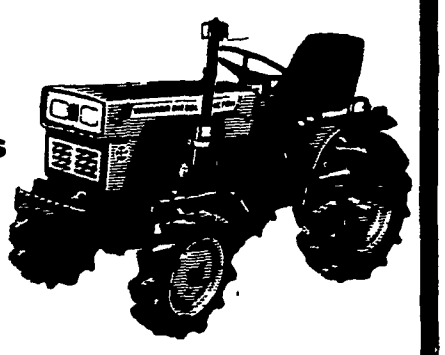

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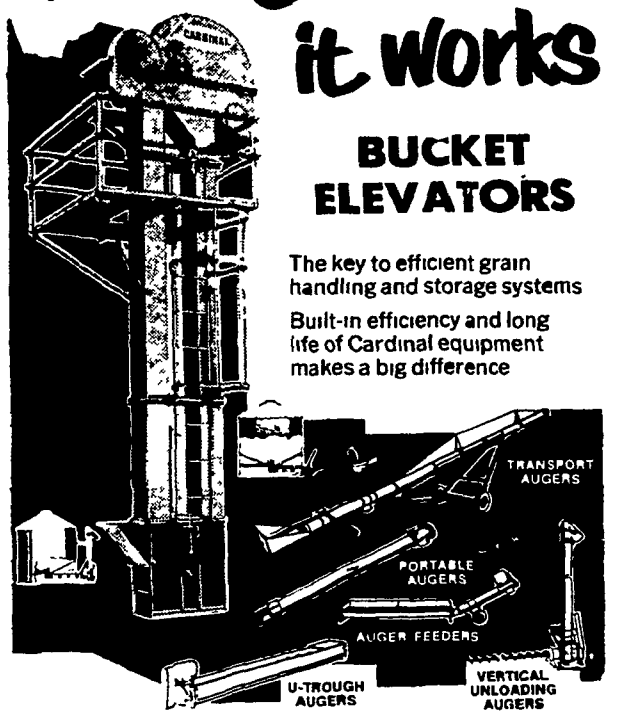

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Financing, economy to highlight Pa. Poultry Conference

LANCASTER — Financing and the shape of the economy will highlight the 1981 Pennsylvania Poultry Conference on June 18, here at the Host Farm. The conference is sponsored by the Pennsylvania Poultry Federation.

Ronald D. Utt, associate chief economist with the Chamber of Commerce of the United States, will address conference participants on the subject of "Industrial Survival in a Conservative Climate".

Marlin D. Jackson, chairman and president of Security Bank in Paragould, Arkansas, as well as past chairman of the Agricultural Division of the American Bankers Association will review "Financial and Lending Outlook for Agriculture and Poultry."

The remainder of the day is devoted to separate commodity conferences.

Broiler producers and processors will hear Norman Smith, chairman of the University of Maine Agricultural Engineering Department discuss "Broiler Litter as a Fuel for Brooding"; Lee Campbell, president of Poultry and Egg Institute of America address the question "Will Record Exports Continue"; Jack Gelb, assistant professor at the University of Delaware discuss "Characteristics of Respiratory Disease Virus Associated with Airsacculitis"; and Donald M. Senechal, vice president of the Massachusetts firm, Agri-Commodities, Inc., give the "Outlook and Trends for the United States Broiler Industry".

Egg producers, processors, and marketers will hear Glyde A. Marsh, Extension poultry specialist with Ohio State University discuss "Trouble-Shooting Disease Problems"; Harold Crossman, chairman of the Canadian Egg Marketing Agency discuss "The Advantages and Disadvantages of a Supply-Management System"; Kenneth Goodwin, chairman of the Penn State Poultry Science Department discuss "De-fusing Animal Welfare Issues"; and Lee Schrader, member of the Egg Marketing Evaluation Committee from Purdue University discuss "New Wrinkles in Price-Discovery".

Turkey producers and processors will hear Robert Bartlett, a farmer and entrepreneur from Northeast, discuss "Using Wind Power to Reduce to Eliminate Energy Costs"; John Thurnbeck, production manager at Mill Farms Company, Minnesota, discuss "Management Techniques that 'Grow' Dollars"; Glyde A. Marsh, discuss "Trouble-Shooting Disease Problems"; and H. Louis Moore, Extension Economist at Penn State discuss "Forecasting and Other Witchcraft".

The Pennsylvania Poultry Federation holds its annual banquet in the evening at which time the new chairman of the Board of Directors is introduced, along with the Broiler, Egg and Turkey Industryman of the Year.

The conference is scheduled from 9:30 a.m. to 4 p.m. and the banquet is from 6 p.m. to 9:30 p.m. For registration information contact the Pennsylvania Poultry Federation, 500 N. Progress Avenue, Harrisburg, PA 17109 or telephone 717/652-7530.

Lancaster ASCS explains wheat program

LANCASTER — Wheat producers are not required to plant within their established normal crop acreage to be eligible for 1981 program benefits according to Ray A. Brubaker, Lancaster County Director for the Agricultural Stabilization and Conservation Service.

Farmers who plant no more wheat than was considered planted for harvest in 1980 will be eligible for full target price payments, he explains.

If this acreage is exceeded, farmers will be eligible for target price protection on 80 to 100 percent of their 1981 acreage planted to wheat.

There will be no set-aside required for 1981 as in 1978 and 1979 when farmers were required to set-aside land equal to a percentage of their planted wheat acreage to be eligible for program payments. This set-aside had to remain idle and could not be used for production of any crop. Brubaker said while there is no required set-aside for the 1981 wheat crop, should evidence develop that wheat supplies will be excessive, a paid diversion program could be offered.

Program benefits are offered for 1981 in the form of disaster payments and deficiency payments. If due to a drought or other natural causes the production of wheat is less than 60 percent of the farmers established yield, a payment to reimburse the farmer for part of the losses is authorized by the U.S. Department of Agriculture. Also, if the average wheat prices over a five month period remain less than the $3.81 per bushel, target price, farmers may be paid deficiency payments to compensate for a depressed market.

Both of these benefits apply to any farmer who grows wheat whether it is sold, stored, or fed to cattle.

Any farmer who wants this kind of protection needs to report wheat acreage to the ASCS Office in the Farm and Home Center. There is no charge if the report is completed by June 15

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2 bottom 12" plow, $225,
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IHC 3 pt hitch 2 row cultivator, $200
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Farmall Cub tractor, cultivator, plow and disc harrow $2400, 717-464-3775

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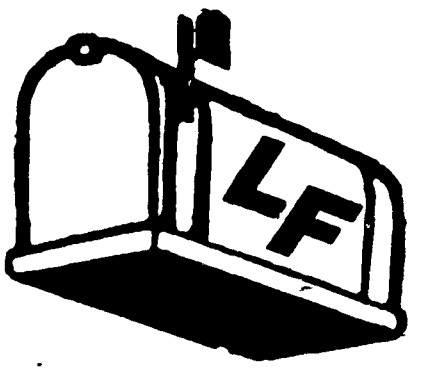

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or 215-273-3050

FARM EQUIPMENT

For Sale - 353 New Holland grinder mixer with heavy shaft, Lancaster Co, 717 733-8239

1979 New Idea model 279 cutditioner, used very little, excellent condition, new list $6500, buy $3500, Call eves Chester Co 215-388-7883

For Sale - Five wheel rake Farm Hand, Lancaster Co, 717-733-8239

For Sale - Round steel feed bin, 7' dia x 9' high 215-485-7525 after 12 Noon

MF Massey Ferguson

USED EQUIPMENT

Farmall Super C with Loader
MF 65 Tractor
MF 135 Tractor
MF 1105 Tractor
Ford 4000 Tractor with Loader
MF 81 Hay Tender
Used Plows
Used Balers
Used Drills

NEW EQUIPMENT

MF 154-4 Tractor
MF 30B Tractor Loader
MF 230 Tractor
MF 255 Tractor
MF 265 Tractor
MF 275 Tractor
MF 2675 Tractor
MF 1050 Grinder Mixer
MF 750 Combine
MF 620 Disk
MF 33 Drill
MF Mowers
MF Plows
MF Rakes
MF 128 Baler
NI Manure Spreaders
Caldwell Shredder
Bearcat For. Harvester
Snapper Mowers

N.H. FLICKER & SONS, INC.
Box 68
Maxatawny, PA 19538
215-683-7252

MAY SPECIALS
New Idea 404 rake — $995
Hesston 1090 mower conditioner $5500
FOB Herndon, Pa.

NEW COMBINES
N6 rotary
N5 rotary
709 Uni-System

USED COMBINES
1977 LKS w/heads
Int. 205
MF 410
Deferral on combines, New & Used

NEW TRACTORS
7020
6080
185
5030
Deferral on New & Used Tractors

USED TRACTORS
IH 1206 (606)
IH 574
AC 7000 w/cab

USED EQUIPMENT
JD 6-row 1250 planter
Hawk Bilt 207 tank spreader
JD 24T baler w/thrower
New & Used windrowers

CALL TODAY!
FOB Herndon, Pa.

MECKLEY'S GARAGE (717) 758-3915

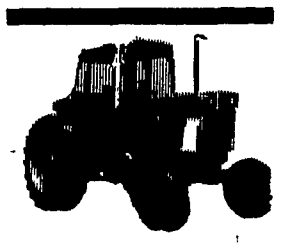
FARM EQUIPMENT

SAME Leyland Tractors

FOR SALE

3 used hay racks w/gear, SOLD ch
Dunham Series 41 cultimulcher w/17" packer wheels, 12'2" w/cylinder & hoses, New $3400.
18' haywagon w/racks 8 ton gear, nice cond. $995
Kasten 16' 3 beater forage wagon w/roof 10 ton gear $1385
NI mod. 200 PTO spreader, nice cond. $765
NI 310 1 row picker $2500.
Taylorway model 200 121 disc harrow 10'5" excellent condition, $1785.
Taylorway 6'4" heavy duty offset disc harrow, 24" blades, new condition $1600
Case 11 ft. 36 blade transport disc harrow $975.
Badger manure spreader Model 205, 205 bu. $900.
Tuffbilt 16 hp garden tractor with 2 3 pt. lift - 60" Bush Hog mower - cultivator $3995 New

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526



NEW EQUIPMENT

IH 770 disc demo, 10' $4500
IH 435 baler w/thrower $6995

USED EQUIPMENT

AC gleaner combine model CII 14' grain & 4 row corn head $8500
IH 815 combine, completely reconditioned $21,000
IH 574 diesel utility, low hrs $7300
IH 544 gas hydro, new engine $6300
Fenders for IH 856
Farmall M $1250
IH 706 gas $5500
IH Super A tractor $200 SOLD
Oliver 770 $1600
Case 430 diesel, low hrs. $3000
154 Lowboy A-1 condition $2400.
IH 400 cyclo planter
Oliver 5F 16" plow $1150
IH 35 rake $1300
IH 37 disc $1200
NI 319 picker/sheller bed $3500
IH 234 corn picker, $2100
IH 844 corn head $4000
IH 843 corn head, like new $6700
NI manure spreader $750
72" Woods under mount mower $500
IH 990 mower conditioner, $1975
IH 234 sheller attachment $1325
IH 1150 grinder mixer
425 Artsway grinder mixer $2200
IH 2000 loader
JD flail chopper $600.
IH 550 forage harvester hay & corn head
Gehl forage wagon w/roof $2200
Century Sprayer $650

Welsh Sprayers
200 gal. trailer model $1050

DOMBACH EQUIPMENT
McAlisterville, Pa.
717-463-2191

FARM EQUIPMENT

For Sale - 303 AC PTO pickup baler with PTO thrower & hydraulic guide on thrower, good condition 717-862 3809 after 6 P M

For Sale - JD model 100 stack wagon, also model 100 stack mover, 2 yrs old, never used 814-857-7852

For Sale - JD 4020, overhauled, new bearings, 215-445-6851

For Sale - 315 New Holland baler with clean sweep pickup (new), Lancaster Co, 717-733 8239

DEUTZ

NEW TRACTORS

D6807A Deutz Tractor, FWD, 68 h p w/loader
D6807 Deutz Tractor, 68 h p
D6206 Deutz Tractor, 61 h.p
D5207 Deutz Tractor, 52 h.p
D4506 Deutz Tractor, 45 h p
DX 120 Deutz Tractor, 110 h p.
DX 120A Deutz Tractor, FWD, 110 h p

Used D10006 Deutz (105 h p.) w/cab, air cond & duals
Used Farmall H
Ford 850
Ford 6000 diesel
Great Bend 1010 Loader w/96" bucket, 4000 lb cap, like new $2500
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20-32 H P electric start

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312 West Main Street
New Holland, PA
PHONE 717-354-4181

SPERRY NEW HOLLAND

USED EQUIPMENT

AC 500 Series 4 Row Cornplanter
AC Loader w/hyd. bucket for WD45
Fox Super D SP Dsl. Harvester w/2R Head & Pickup
Hesston PT10 Haybine
Gehl Mower Conditioner
NH 325 Skid Loader
(2) Good Flat Bed Wagons w/running gears
NH 30' Elevator
NH 315 Baler w/thrower, (Demo)
Used Discs

USED TRACTORS

AC 185
Ford Jubilee
JD 50
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
AC 4R Rolling Cultv.
AC 4R Reg. Cultv.
NH 800 Spreader

NEW EQUIPMENT

Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Moridge 400 bu. Dryer
Gleaner F Combine

NEW HOLLAND MANURE SPREADERS

NEW TRACTORS

AC 7045
AC 5050
AC 7010

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211

FARM EQUIPMENT

FARM EQUIPMENT

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NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!

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STANDARD - EXTRA & DOUBLE EXTRA HEAVY - ALL SCHEDULES - ALL TYPES FABRICATION - THREADING CUTTING — WELDING
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USED TRACTORS

Ferguson 20 w/ Mower
Oliver 1750 diesel
JD 620 Gas
JD 720 Diesel
JD 2020 w/loader
JD 1520
JD 2030 diesel
JD 2940 4WD
Int. Cub with Mower
Farmall M

USED EQUIPMENT

NI 10 Ton Spreader
JD 400 Rotary Hoe
JD 3 pt. Hitch 4 Row Cultivators
Fox 6250 SP Harvester with Heads

JOHN DEERE

SHOTZBERGER'S EQUIPMENT
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Phone: 717-665-2141

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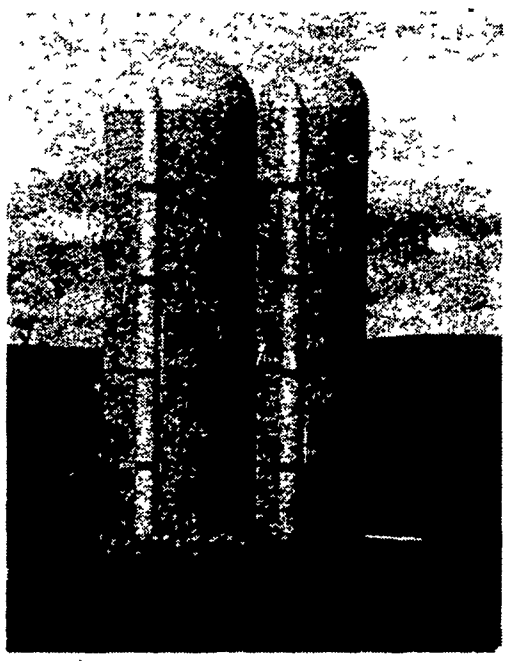
MANUFACTURER & BUILDER OF QUALITY WET-CAST CONCRETE STAVE FARM SILOS



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REBUILT STARLINE #70 UNLOADERS:
12' - $1595.00 16' - $1795.00
14' - $1695.00 18' - $1895.00
COMPLETE w/5 H.P. MOTORS
1 - 16' BADGER UNLOADER $1595.00
1 - 20' BADGER (as is) $$AVE
1 - 20' JAMESWAY VOL. II $2000.00
1 - JAMESWAY (as is) $$AVE

WE WILL TRADE YOUR UNIT!

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Larry Hiestand - Office - 717 — 299-3721
Wayne Lloyd - Sales - 717 — 299-3722

FARM EQUIPMENT

For Sale - 24 ft 6" auger with 2 h p. motor Used Sprout Waldron elevator with 5 h p. motor Phone 717-626-2330

For Sale - Int. #37 baler w/Int #10 kicker, Will sell separate Pratz mixer, good condition 717-477-5520 after 6 P.M.

Gehl 600 w/2 row narrow and wide corn head, pickup and mower head, electric sharpener and 2 3 screens, $3700. Winco 15000 KW generator $975, Clark sprayer $600, Davis Roller mill $800, used 1 yr.; IH 10T running gear 950 tires $500 301-223-7148.

USED EQUIPMENT

TRACTORS:

IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - $23,000!
JD 4520, 20.8x38 Radials, No Cab - $13,500
IH 706 Gas, Eng. Overhauled, New Paint - $5,950
IH 560 Gas, 400 Gas, 300 Gas
IH 656 D Hydro
IH 350 High Utility
IH 350 Farmall
IH 544 Gas Hydro w/2000 Loader
400F Gas, Fast Hitch, PS, Nice Shape
IH Cub, 1978, Real Nice
185 Lo Boy w. Mower, Real Nice!
MF 165 Diesel
JD 1010 Gas w/Tricycle Front End
Oliver 1800 Gas, Wide Front End, over & under

TILLAGE:

IH 475 13'5 Disc Harrow
IH 770 12' Offset Disc, Like New
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
Oliver 251 9' Disc, Real Nice
IH 370, 350, 37, 35 In Various Sizes
JD 12' 3-Rank Chisel

PLANTERS:

4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 Comb. Single Discs, Good Shape!
JD 494-A, DD, 4-Row Planter
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 Single Disc, Comb., Hyd. Lift
IH No. 10 16x7 Single Disc, Comb.
Oliver 24x6 Combination Drill
Oliver 17x7 Combination Drill

COMBINES:

WAIVER TILL 9/1/81

IH 915 6-Row Head, Low Hrs.
810 15' Floating Cutting Bar
810 13' Floating Cutting Bar
IH 403 w. 4-Row Wide Head
IH 315, 2-Row Wide Head
IH 205 2-Row Wide Head

HAY & FORAGE EQUIPMENT:

717 NH Chopper
38 JD Chopper
550 IH Chopper
36 NH Flail Chopper
33 NH Flail Chopper
1014 Hesston Mower Cond.
420T Hesston S.P.
NH 7' & 9' Haybines
Gehl 770 7' Haybine
MF DEO-20 3 pt. Hitch, 5 Bar Rake

MISCELLANEOUS:

JD 115 Forage Wagon
Gehl 800 Recutter Blower
York Rake

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph: (215) 367-2169
Daily 7-5
Fri. 7-9; Sat. 7-4

FARM EQUIPMENT

M 610 skid steer loader, Bobcat, completely gone over, $5000 JD wheel rake, $750 717-535-5457

case

Farmall 300 gas tractor, fully equipped, all hydraulics
JD 4010 Dsl. Tractor w/Cab, Loader & Duals
New Idea 213 Manure Spreader in Excellent "like new" Condition
Plus NI cut/ditioners & mow/ditioners, corn pickers and tractors in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

NEW EQUIPMENT
Call For Special Low Prices!...
AC 5050 Tractor, 51 hp, 220 hrs
AC 5050 Tractor, 51 hp
AC 7010 PS Tractor w/cab, air, 20.8x38 tires
AC 7060 PS Tractor w/cab and Air
AC 10' Mtd Chisel Plow
AC 8' Mtd. Chisel Plow
AC 5-Bot., 16" Plow, 2000 Series
AC 16½' Field Cult., with hyd. fold
AC 2600 Fold Disc, 16'8"
AC 333 Corn Planter, no till & air units
Glenco 9 Tooth Soil Saver
NI 299 Mowditioner
(2) NI 106 Fert Spreaders, 690 Lbs
NI 116 Fert. Spreader, 1380 Lbs
NI 743 Stripper Plate Head, 3 Row Wide

USED EQUIPMENT
AC 7040 PS Tractor w/cab & air
AC D15 Tractor
IH 450 Gas Tractor
NI 279 9' Cutditioner
Gehl 800 Recutter
JD 38 Harvester w/PU & 2R Wide head
NH 770 Harvester, 2 row wide
Lamco 14' Forage Wagon

USED COMBINES, UNI'S - CORNHEADS
AC KKS Gleaner w/10' Head & 330 Cornhead
AC A Gleaner w/10' Grainhead
AC C Gleaner w/440 Cornhead
IH 315 w/13' Grainhead and 2 row Cornhead
MH 82 SP w/10' Header
MH 80 w/12' Header
(2) MF QT 24 Cornheads
NI 702 Uni-Tractor
NI 727 Uni-Husker
NI 723 Uni-Stripper Head (2 row)
NI 729 Uni-Sheller
NI 726 Uni-Husker

ALLIS-CHALMERS
NEW IDEA FARM EQUIPMENT

ITCO
Dealer for ITCO Corp
• Over 9,000 Items At Discount Prices

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215-488-1025
H Daniel Wenger, Prop

FARM EQUIPMENT

Wanted - Feed bin, 2 compartment about 2 ton each 717-626-4911

JD 45 square back, grain head plus 235 and 313 heads, excellent condition, field ready, call 301-692-6222

3 pt. 3 bottom National plow, Lackawanna Co 717-586-4061.

FOR SALE

TRACTORS

930 Case Comfort King
900 Standard w/pulley
450 IH std. diesel
400 IH gas.
AC D19 gas

FARM EQUIPMENT

NH 310 baler w/engine
NH 273 baler
NH 456 mower
NH 56 rake
JD 660
NI 4 bar
NI w/206 & 18 spr
Nicholson hay tedders
Disc and spring harrows
McD #9 & #7 ensilage cutters

ELIAS S. BEILER
601 Musser School Rd.
Leola, PA 17540
717-656-9733

JOHN DEERE

SPECIAL CLEARANCE BUYS

NEW JOHN DEERE EQUIPMENT

336 Baler w/ejector
HD 336 Spring Tooth Harrow
1207 Mower Conditioner
1209 Mower Conditioner
2500 4B Hyd. Reset Plow
2500 5B Spring Reset Plow
660 Rake
C81 Spin Spreader
40 Spreader
714 Chuck Wagon
1065A Running Gear
1075 Running Gear
1710 Mulch Tiller

OTHER EQUIPMENT AVAILABLE

JD 45 Rear Blade 7'
JD 88 Rear Blade 9'
Bush Hog FM30 Rear Blade 6'
Bush Hog 1123-7' Rear Blade
JD 143-145 Loaders
JD 609 Rotary Cutter
JD 850, 950, 1050 Tractors
Century 500 gallon Liquid Fertilizer Sprayer

USED EQUIPMENT

JD B
JD LA
JD 520
JD 720
JD 3010
JD 4020
Farmall H, M, MD
AC C, WC, WD
Ford 8N
Ford Dextra (Diesel)
JD 55 Combine
JD 95 Combine
AC Gleaner CII
Bush Hog 1600 Cutter
Wood C-114 Cutter
NH 6' Cutter
Brillion RSS-112 Cutter
JD 507 Cutter
Special Deals on More Equipment not listed. See us Now!

Call For Details.
MILLER'S SALES & SERVICE INC.
West Penna. Ave. on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT

Wanted - Set of used duals size 20 8x38, Call 215-298 2774

Wanted - International 110 side mounted 7 ft sickle mower for H or M good condition, Wide front for M. Call collect 201-741-8109

For Sale - Massey Ferguson 10 baler $700 or best offer 215-682-6429

CFH

JOHN DEERE

NEW EQUIPMENT IN STOCK

JD 650 14.5 h.p. Tractor
JD 950 22 h.p. Tractor
JD 2940 4WD Tractor
JD 4040 Cab, Quad
JD 4240 Cab, Quad
JD 4440 Cab Q.R. Radials
JD 4840 Cab Q.R.
JD 7720 Combine
2 JD 7000 6R Consv Pltrs.
(2) JD 7000 6R Reg. Planter
JD 7000 12R Planter
JD 7000 18R FF Planter
(2) JD 8300 23x7 Grain Drill
JD 21x7 Grain Drill
Brill. 20' Packer w/trans.
Brill. 23', 25' Fd. Packers
JD 3960 Fg. Harvester
JD 346 Baler
JD 510 Round Baler
JD 347 Baler
JD 115 10'2" Disc
JD 215 11'5" Disc
JD 215 12'10' Disc
JD 235 17'1" Disc
JD 235 19'11" Disc
JD 235 21'4" Disc
JD 331 24'2" Disc

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Cecilton, Md 21913
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648-5416 755 6608
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FARM EQUIPMENT

For Sale - 70 hp Leyland tractor, Taylorway 7 tooth chisel plow, 205 bu Badger spreader, 8 Clay farrowing crates, 32' elevator, 300 gal tank on skids, 2 Majestic cookstoves, 717-865-6284

Cat 955 H track loader, exc condition, ready to work, $12,500 703-777-5134

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USED EQUIPMENT

AC 160 Tractor
JD 494A Planter
JD 694A Planter
JD 7700 combine
JD 4400 Combine
JD 105 Combine
NI 717 Combine w/4 row corn head & 15' platform
JD 727 rotary mower
JD 244 Cornhead
JD 1250 corn planter
JD 214WS Baler
JD 24T Baler
NH 273 baler
JD 485 mower conditioner
NH 469 Haybine 9'
JD FB Drill
JD 3800 Chopper
JD 47 loader
Oliver 5x16 Plow
Case - Field Cultivator
IHC 470-17' disc

SPECIAL PRICES ON NEW EQUIPMENT

JD 7000 6 row conservation planter
Spring Tooth Harrows in Stock
Grimm Tedders in Stock
H & H Bale Bodies
JD 111 Disk
JD 7000 - 12 row N folding planter

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Just 3 miles off Rt. 202
(Between Flemington & Somerville)

FARM EQUIPMENT

FOR SALE
10 KW ONAN Standby Electric Power Plant, reconditioned
VG4 Wisconsin power unit w/clutch and electric start
WES STAUFFER
717-738-4215

NH Pitman mower, Brillion crusher, PV4D Wisconsin engine with 221 reduction clutch, overhauled 2 yrs ago, very good running condition. 717-442-8336 Amos A. Zook Jr., RD 1 Box 189A, Gap, PA 17527

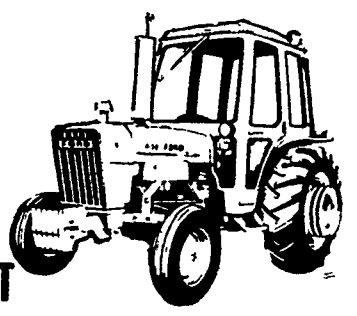
FARM EQUIPMENT

Wanted - Pair of tracks for IH loader 150 or TD9 rollers for IH 125, 717-922-4165

200 gal Myers sprayer with reversible fan on trailer, engine drive, good shape Jonas M. Weaver, 158 Meadow Valley Road, Ephrata, PA, just off 272 near Ephrata High School

For Sale - 5 ft. Case combine with bin, PTO, ready for field, $300, 215-767-3550

NEW AND USED EQUIPMENT



IH 1066 diesel, with new tires, 2250 hrs., $10,950
IH 574 diesel, with rack and pin axles $6995
Farmall 656 gas hydro $4495
Farmall 140 and cultivator, $3295
Farmall Super AV and cultivator $2295
Farmall cub and equipment
Long 310 with 116 hrs., $4500
Ford 5600 tractor with 235 hrs.
IH 500 C crawler loader with 4 in 1 buckets $6996
Case 1737 skid steer loader with motor rebuilt $3995
Woods rotary mowers of all sizes, pull type and 3 pt.
New parts for woods mowers
Used sickle bar mowers, 3 pt. and semi mounted
Gravity bins and wagons
44 ft. 8" grain auger like new, PTO driven
Used tractor parts for various models and all kind of new and used equipment.

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Cat 977H Lever Steer, ready to go	$11,500
Cat 977H w/cab, 90% undercarriage	$12,500
Cat 955K 85J Sharp w/ROPS	$22,500
(2) Cat 955 12A	$6,500
Cat 933G	$7,500
AC HD 6	$4,500
AC HD6G Slant hood, sharp	$8,500
1974 Case 450 Backhoe Loader, sharp	$12,500
JD 450B w/ROPS, Sharp	$13,500
JD 350 w/ROPS	$8,500
AC HD4 w/Backhoe, sharp	$10,500
Cat 955H Pedal Steer, sharp	$12,500

DOZERS

JD 1010 6 way angle Dsl w/3 pt hitch good	$5,500

BACKHOES

1972 Ford 4500 Dsl w/cab	$9,500
1979 Case 580C w/full cab, 1000 hrs	$20,500
(2) Case 580 excellent, sharp	$7,500
IHC 3500 sharp	$9,750
AC 1850 Super	$18,500

GRADERS

(2) Gradall 2460 dsl U/D	$5,500
AC-45 w/cab (diesel)	$4,500

AIR COMPRESSORS

Jaeger 125	$1,500
Schram, w/50' hose & Jackhammer ready to go	$2,850

ROLLERS

1 ton General, good	$2,500
Rosco, Labatory	$2,500

TRAILERS

New Eager Beaver 15 to 10 ton	Call For Price
Patsco 25 ton drop deck, tandem axle	$4,500
18 Ton General Tag-Along w/air, sharp Like New	$7,500
9 Ton General Tag-Along	$2,950
1979 CMI hyd folding gooseneck, 35 ton, like new	$20,000
35 ton detachable, sharp	$12,500
26' Alum. Dump, Sharp, 54" sides	$7,500

RUBBER TIRED PAYLOADERS

Michigan 35 w/353 Det Engine cab, sharp	$7500
Hough 30	$6,500
Hough HM w/cab, new motor, good tires, ready to go to work	$6,500

TRUCKS

1966 U model Mack single axle dump w/18 ton tag along trailer	$11,500 for pair
1968 Diamond Reo 318 Det Dsl, tandem axle dump	$6,500
2-1965 International 10 wheel dumps, gas ea	$2,500

MISCELLANEOUS

Paver 22PL, like new, 2 yrs old	$28,500
(2) Winch to put on truck-tractor	Make Offer
Riding Sweeper	$950
Air Jackhammer to put on backhoe w/attachs	$1,500
Hobart Welder w/Leeds on trailer	$11,500

FARM EQUIPMENT

STRALEY FARM SUPPLY

1760 East Canal Road
Dover, PA 17315

Ford Tractors

5600, 131 hrs.
6700, 32 hrs., canopy
3600, 64 hrs., gas engine
7700, 600 hrs., wheel weights
2600, 58 hrs., cab and sweeper
8000, diesel engine
4000, gas engine, new paint
1700, diesel engine, under mounted mower
641 w/side mounted mower
DB 4600 3 pt. hitch, gas engine
MF 165
AC WD
Farmall 460 tricycle front end
MM 445 gas engine
1946 Willis Jeep, mag wheels
IH Loadstar tractor, mod. 1800, 13 speed rebuilt motor
IH Fleetstar tractor, mod. 2000, diesel engine, 8 speed
Mercedes Benz tractor, mod. 113, diesel engine
1962 IH Scout, model 180 4x4 trans.
Playmor camper, stove, refrig., sleeps 4
Chev. camper, stove, refrig., heater, sleeps 6
Brady mixer, model 1050, 2½ ton, hyd. operated
General trailer, 18 ton, 9 ton

717-292-2631
717-292-4443

FARM EQUIPMENT

For Sale - Hay Equipment, like new, JD baler, 336 with ejector, NH haybine, 477, hay wagon, good frame and rubber 717-286-6164

FARM EQUIPMENT

For Sale - NI 701 combine and 3 RN corn head, $5000 excellent shape, 717-284-4628

For Sale - 494A JD 4 row corn planter, insecticide attachment $400, Berks Co 717-933 8639

JOHN DEERE

USED TRACTORS
JD 4430
JD 4020, PS
JD 2640 w/146 loader, like new
JD 2020 G
JD 1020 G
JD B

ROTARY MOWERS
JD 205 5' 3 pt.
BMB 6' 3 pt.
FMC 10' offset pull type
New JD & Bush Hog rotary mowers in stock

COMBINES
JD 45 w/10' head & 235 corn head
JD 55 w/12' head & 234 corn head, $2695
JD 55 w/12' head, $3995
JD 55 w/13' head & 235 corn head

HAY & FORAGE EQUIPMENT
JD 22 hay conditioner
JD 485 mower conditioner
JD 1209 mower conditioner
NH 479 haybine
JD 894 rake
JD 336 baler w/ejector
3 JD 24T balers w/ejectors
IH 440 with thrower, as is, $1200
Jerr-Dan bale body on JD running gear
NI 603 forage box on JD running gear
JD 60H hopper blower
JD 3800 forage harvester

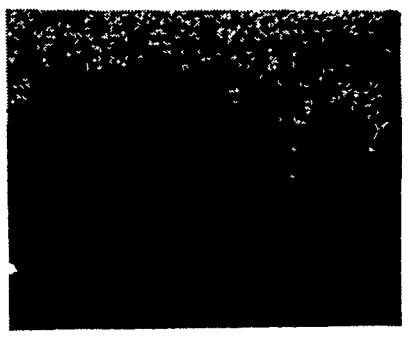
NEW EQUIPMENT
JD 1209 mower conditioner, $6150
JD 336 baler w/ejector, $6295
JD 3940 forage harvester, less head, $7595
JD 5440 self-propelled 4 wheel drive forage harvester w/3 row head, $46,995
JD 1207 mower conditioner, $4950
JD 550 sprayer, $3195
Agro-Tech sprayer, $1495
JD 143 loader, $1595
JD 445 flail spreader, $3725
JD 465 flail spreader, $4295

PACE

NEUHAUS'ES INC.
John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

Combine Specials...

NH 1495 SP HAYBINE
with Ford gas engine, planetary drive, 12' header Used only several seasons - excellent condition ..
$12,000



JD 6600D SP COMBINE
with cab, air, and all extras, 1654 hrs , 13' gr. table & choice of N or W 4-row cornhead. This machine was well taken care of.
$29,995

USED EQUIPMENT

AC WD Tractor with 3 Btm. Mtd. Plow
NH 469 Pull Haybine, Fair to Good Cond.
JD 7,000 Max. Emerg. Planter, Dry Fert.
White 5400 6R, 30", Min. Till, Dry Fert.
JD 1280 8-30", Liq., F. Pickup
JD 12' Roller Harrow
JD & MH 7' Offset Discs
IHC 14' Finishing Disc w/Harrow
JD 45 3-Bot. 3 Pt. Mtd. Plow
JD 3 Pt. Cat. 2-Bot. Plow - Fits 801 Hitch
Lilliston 76 Rotary Cutter
Ford 60" 3 pt. Cutter
Ford 7' 3 pt. Cutter Bar Mower

NEW MACHINES

JD & NH Hay Rakes
NH 30 Whirl-A-Feed Blower
JD 3940
JD 16A Chopper
NH 38 Chopper
NH 310 Baler
NH 315 Baler
JD 6620 Side Hill, with 15' Platform & 6 Row Cornhead

•Full Line of NH & JD Equipment...Waiver of Interest Available on Most New Machines!

JOHN DEERE
SPERRY NEW HOLLAND

KERMIT K. KISTLER, INC.
Farm Machinery Sales & Service
Rt. 143, Lynnport, PA 18061
PH. 215-298-2011

FARM EQUIPMENT

TRACTORS & EQUIP. JUST TRADED Farmall 1086 cab, air, diff lock, radio 20.8x38 tires 3 valves w/107 hrs. like new for $25,500.00, Farmall 856 D real nice; Farmall 560 D WF, Used JD 2940 w/front wheel drive and cab used 350 hrs. purchased new in 1980, like new; JD 4010 tri D; White 2-105 w/roll guard, ACXT190 real nice, Oliver 2255 w/1800 hrs. real nice, Oliver 1850, 1800D, Farmall 560 gas WF, F.H. real nice, Ford 4000D w/1300 hrs. excl., JD 4010D w/loader; JD 4020 gas; JD 3010 Gas; Ford 6000 Commander D WF; MF 285D w/R.G., M.F. 165 tri D., JD 346 Baler w/thrower, JD 443 corn head, used 1 season like new, JD #400-15 ft. rotary hoe like new, used JD 4 row conservation planter w/liquid Fert.; 3 new and used Bush Hog Chisel plows 9 & 11 ft. all w/gauge wheels; JD #350 4x16 reset plow like new; IHC 710 5x18 reset, JD 7000 six row planter w/Inst. & monitor real nice; used 4430 w/sound guard, cab, Q.R. $16,500.00; Used JD 2640 fully eq. Haybines - N.H. 479, 469; Used NH 256 rake; corn heads; Gleaner K330, F330, E330, A430 for F or F2, JD 443; Gleaner K Combine w/cab and grain head real sharp; NI 702 Uni Diesel w/combine and 10 ft. grain.

Int. 4366 4 whl dirve w/C.A. (SOLD) dual wheels and 3 pt., White 4-150-4 whl drive, fully eq., JD 4430 C.A. QR & Dual wheels, Int. 574, MF (SOLD) 175D. Planters AC (SOLD) 6 row no-till; White 6 row w/no til fert. fill, inst. and monitor, New NI 323 one row picker. JD 336 Baler w/thrower, Int. 445 baler w/thrower just like a new one.

NEW FARMALLS: 1086 C.A. 18x38 tires, dual hydrl. for $27,900. now only $27,500. New 886 C.A. diff lock 2 valves $22,900 now only $22,500. New JD 4240 w/Roll Guard & Q.R. $23,900; New 4040 Power Shift; 4020 w/Diff. Lock; 4430 C.A. QR., JD 3020 side console W.F. diff. lock, dual hydraulic; JD 1530D w/Hi & Lo shift; 2020, 1520, 730D, 720D, Used Farmall 886 w/R.G. real nice, New Case 2090 Cab & Air, power shift $23,950; 1977 Case 1070 power shift w/cab enclosure real nice, 1975 Case 970 w/4 post, P.S., Farmall 1066 w/red cab, Farmall 706 w/ 310 diesel, Farmall 706D W.F., original, 560 tri D. F.H., Farmall 560D w/2000 loader, Farmall 504 Utility gas w/ 3 pt., 1970 JD 4020 W.F.. 1968 JD 4020 W.F.

M M. Vistar 1000 w/cab and air (SOLD) and dual wheels, (New Gehl 1090) = 9 ft. haybines - below dealers net = our price $4450.00

COMBINES 1976 JD 6600D rotary screen w/13 ft. grain pick up reel choice of corn heads, 1976 Int. 715 diesel C.A. 23" tires 810 w/grain and 844 C.H.

Gleaner K w/cab, grain and C.H. Gleaner G diesel w/cab and grain. 1973 John Deere 6600 diesel w/2 heads (clean), JD 4400D w/air & both heads, Oliver 25 w/cab.

MF 760 diesel hydra with grain and 6 row corn head. MF 300 combine w/cab and grain, Int. 82 Pull Type (clean). Gleaner F w/2 heads. Late model Int. 303 w/cab.

JD 7700 D w/grain & corn head, Gleaner K w/cab, 10 ft. grain, K240 corn head MF 510D Quick Tach w/both heads.

Corn Heads JD 643, 444, JD 443, 343, 344, 244, 435N for 95, 335, and 313 for 55C, 334, 235, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner G435 L438, 430, F440, F438, A430, E240, K238, F335, F330, K330 Int. 863, 864, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 3 row 30", Case 4 row 40", Int. 6 row, 30" for 503, new JD 444 corn heads, NH 4 row 38" C.H. (Skid Loaders) Bobcat 720.

TRACTORS JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; 1970-4020 WF; JD 4520 w/triple hyd. for 11,900. Nice JD 4230 w/R.G., Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 706 gas w/TA and 3 pt. original real good for $4500. Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; AC D17 IV w/3 pt.; New NI 324 (SOLD) picker w/super sheller; JD 7000 4-row planter w/no-til attch.

CORN PICKERS - (new) N.I. 324 w/12 roll bed; New New Idea 325 w/12 roll bed, Used (3) N.I. 324 w/12 roll bed, NI 325 N w/12 roll bed & 8 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. JD 300 Husker w/244 corn head. Int. 234 w/12 roll bed.

John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft. Hyd. wing disk, like new, J.D. 7520 w/3 pt. & Dual Wheels, 1972 JD 4020 w/dual hydr.

(Tractors w/Loaders), JD 4020 w/58 Loader, Farmall 1206 w/cab, AC D17 (SOLD) D, W.F.

Case 930 CK w/5X Plow.

Just Received New J.D. 2940 w/front wheel drive, New JD 4440 cab, air, power shift.

J.D. 4010 gas, JD 4430 C.A. QR, 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2- JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., Farmall 806 diesel, 856 - nice.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., used 686 w/cab & air, 1566 w/cab, 766 D; 1466 w/cab.

Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Gleaner E Combine w/cab, grain and corn head; Farmall 1206, A.C. 210D, w/new 20:8-38 tires, 460 Gas w/F.H., 460D Farmall, 756 gas. 560, 856 w/front wheel drive, Farmall Hi Crop- 656 diesel, 756, 300.

HARVESTERS. (New) Gehl 700 fully eq. w/2 row corn & pick up priced under dealers cost. New Holland 770 w/2 row, Fox Super 2000 w/2 row narrow & elec. sharpener. J.D. 38 Chopper w/2 row, JD 3800 w/2RN C.H., NI 702 Uni gas w/chopper & corn head $5,900.00. NH S717 - 1 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Int. 2 row 30" for 650.

JOHN DEERE Used JD 4030, 5020 tractor puller, 1968 4020 power shift, JD 3020 gas; JD 4010D w/W.F. 630 w/3 pt., 60 w/p.s.

FARMALLS: 1586 w/cab fully eq. w/duals, used 400 hrs. like new, 966 black stripe w/roll guard, 856 w/3 pt. and 38" tires, 1206, Farmall 656 Diesel & 656 gas 1466 w/cab, 766, 1456, 806, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON new 1105 w/cab, & 20:8-38 tires for $19,500. 1130D, M.F. 135, Super 90D

Case 970 w/P.S. 970 w/4 post roll guard, 1070 power shift, 1030 needs motor overhaul, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires Ford 9600 w/dual power and dual wheels, Farmall 504 W.F.

ALLIS CHALMERS 7040 w/cab, power shift like new $19,500, 220, 210, AC 180D, MM S670 diesel V302.

COMBINES - JD 7700 Diesel w/Fire Damaged cab. MF 510 D w/fire damage, Gleaner CII diesel w/4 row corn head, NI 702D w/rebuilt engine. 702, NI Super chopper, new 3 row 30" corn head, N.I. Demo 768 WN 3 row head, N.I. 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, used M.F. grain heads

Hay Equip. Specials.

BALERS - NH 320 w/thrower like new, Used 277 w/thrower

New Haybines at Discount Prices. - New Owatonna 9' for $3975, new Gehl 1090, NI 279 Cut/ditioner used on 40 acres for $2750. (New) NI 299 Haybine for $4250.00. Vermeer round (SOLD) baler

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Case 480B loader and backhoe, Case 580 L & B, D8 Cat w/blade, Cat 955 crawler loader, Case 850 D dozer w/hyrdl. blade, Michigan 55B Diesel Payloader.

CORN PLANTERS - New & Used 7000 JD 4 row w/Inst. Used JD 7000 6 row w/dry fert. and inst., priced at $5975. Used JD 7000 4-row w/liquid Inst. and Monitor for $4850. N.H. 355 Grinder Mixer, like new, Int. 1050 Grinder-Mixer, Kools recutter blower, Used JD 8300-21x7 double disc grain drill, new NH 28 blower; new NH 25 blower; new NI rake, w/front wheel; new Rhino 6' blades.

Int. 6 row (SOLD) front cult.; JD 220 hydraulic fold wing disk; 3 JD 4 row cult., White 252 wing disk.

(New) NH 310 Baler (wrecked), 2 Woods Belly mowers like new; Int. #56 four row planter.

Used Int. 400-6 row cyclo w/Inst. and Monitor for $1800; new Case 6 row 3 pt. hydr. fold field cult., (4 offset Disks) J.D. #360 12 ft., Wilbeck 12' offset like new, Miller 14 ft. offset; JD Disks #210.

NH 1010 Bale Wagon.

Int. #700 six X auto reset, New Bush Hog 12 ft. pull type chisel plow. J.D. #1600 - 16 ft. pull chisel plow. JD, Int, & liver 5,6,7 trip and resets. New Glencoe SS7 Soil Saver with culti-lift harrow New White 14 ft. field cult., Kawanee 22 ft. wing disk.

LOADERS - Int. 2350 JD used 58, MF loader for 1105, Int. Fast hitch 3 pt. adapters, 3 pt. hitch for 630 and 730 JD tractor.

TRUCKS - 1980 Silverado Chevy diesel w/every option on, 1971 Ford - ¾ ton pickup, 1976 Chev C65 w/6300 miles w/14 ft. flat, like new; 1977 Delta 44 ft. Combine trailer, (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head. (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

For your needs call:

STITZEL FARM EQ. INC.

East Windsor St.
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19526
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home 215-562-7451

FARM EQUIPMENT

For Sale - D4 Cat with 2 front blades, rear tool bar, pony motor start, parts inventory $2500/offer, 3 12' irrigation towers $500 each/offer, Oliver 99, good transmission and parts, engine needs repair 215-395-2011 Mohr Orchards

FOR SALE

Auto turn carts and five angle scrapers.
Reassemble with two bolts

Scrapers $165
Carts $275
with brake
Carts $235
without

SAMUEL F. STOLTZFUS
RD 1 Christiana, Pa.
Box 199 17509
At Bartville

FARM EQUIPMENT

For Sale - JD 150 hp 4630 quad range, sound guard cab with air cond , and radio, 1050 hrs , 20 8x38 dual tires, excellent condition 717-752-3825

Gehl 920 chuck wagon, tandems, elevator, $6000, Badger TA54 blower $700, NH 68 baler w/kicker $600 201-459-4771

HAY TOOLS

Haybines
NH 1495, 1960 Model
JD 800
NH 479, 469, 460
JD 1209

BALERS

NH 315, 276, 271 w/thrower
NH 850 Round
JD 24T w/thrower
NH 1010 Bale wagon

SHEETS BROS.
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

FARM EQUIPMENT

For Sale - JD 6600 Combine w/13' Platform loaded one owner 2400 hours, excellent condition $21,500 00 Used Corn Heads, 643 - $6500 00, 334 & 335 $1100 00, 244-$1550 00 New JD Equipment - 643 Corn Head $10,900 00, 1209 Mower Conditioner 2 only - $5495 00, 2040 Diesel Tractor $9700.00, 660 Spreader w/hyd. endgate $5750 00, 680 Spreader w/hyd endgate $7100 00
Gutshall's Inc.
1201 Spring Road
Carlisle, Pa. 17013
717-249-2313

FARM EQUIPMENT

AC 616 16 h p wheel loader, 3 pt PTO, $2250 Trades Accepted
DENNIS M MILLER EQUIPMENT
Rt 22 Grantville, PA
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717-469-0937 daily

For Sale - Two Massey Ferguson 82 combines Each is equipped with a ten-foot grain head One 222 cornhead is also available Both are in running condition 1949 Dodge 4 door sedan Gyromatic drive Black Good running condition. Ph 717-862-3821

FARM EQUIPMENT

For Sale - 6600 JD rotary screen diesel combine & chopper. 609-455 3462 or 609-451-0411

For Sale - Conveyors, steel rollers with electric motor for driving, make offer Small road roller with hydraulic to lift for towing $1400 717-652-1957 or 896 8442

NH 271 baler with thrower, good condition, $750 301-876-1956

For Sale - JD tractor 4030 diesel, only 330 hrs like new Call 215-286-6164

For Sale - 2 row Hershey tobacco planter, good condition, $325 717-733-1048.

For Sale - Int. #10 bale thrower with 6 h p. engine, $75. Int. #46 baler, $100. Can be bought as a unit or separate. 215-267-6949

FARM EQUIPMENT

For Sale - 1000 gal Badger vacuum tank manure spreader, vacuum hose, exc condition, $3000, 2 6 ton feed bins, good condition $375 each, Dauphin Co Call eves 717 692-3919

For Sale - 7020 Hesston harvester, 2 N row, very good, $3000 717-733-4453

5' pickup head for JD 34 chopper, 717-354-5092

For Sale - Farmall H M&W 2 speed rear and over-riding hand clutch, 2 way hyd , good paint, good condition $875, 717-786-4791

Wanted - Weaverline silage cart, must be in good condition 717-786-2839

FARM EQUIPMENT

AC 7030 with cab, new engine and clutch, $16,000, AC 6 btm 18" hyd trip and reset plow, $2000, NH 489 haybine, $5000, all in exc condition Parks Farms, Rt. 24, Chester, NJ 07930 Days 201-879-5509 Nights 201-879-5026

Sprout Waldron feed mixer, 2½ ton capacity with or without motor, good to excellent condition Southern States Farm Systems-Frederick, 406 E. South St , Frederick, MD 21701 301-662-1511.

WHITE Farm Equipment

FIELD QUEEN FORAGE HARVESTERS

NEW EQUIPMENT SPECIAL PRICE ON WHITE TRACTORS
2-135 20.8x38, Air
2-30 4 Wheel Drive
8700 Combine

NEW HARVESTERS
Fox 6354
Fox 3310
NI 708 Uni w/717 Combine
Hesston 1090 9' Windrower
Hesston 6550 12' Windrower

Used Hesston 4800 BIG SQUARE BALER

USED TRACTORS
White 2-70 w/Cab & Loader
Oliver 1600D Tractor
Oliver 77 Tractor
JD 2510 Gas, New Paint
Ferguson 35 w/Loader

USED HARVESTER
NH 1895 4 WD, 3 Row Auger Head, Pickup, Excellent, 230 hrs.
NI 705 Unit w/3R
NI 702 Diesel

USED EQUIPMENT
Fg. Wagons, J.D., AC & NH
Brillion 9' Rotary
JD 7000 4R Reg. Planter
White 5400 6R No-Till Pltr.
IH Cyclo 500 8 Row No-Till Planter
AC 6R Liquid Planter w/No-Till
MF 4R Planter
IH Cyclo 6R Planter
JD 220 Sgl. fold 17½' Disk (like new)
AC 15' heavy duty Sgl. Fold Disc
NI 325 2RN Picker
NI 324 2RW Picker
Hesston PT10 Windrower
NH 461 & 479 Windrowers
SS9 Glencoe Soil Saver
NI 710 Combine
Lely 18' Double Wheel Rake
JD 4R, 6R & 8R Cultivators
Gehl Mixer Wagon w/scales
Hawk Bilt 2155 Roll Top
Starline 3200 gal. Super Tanker w/chisel injector
Hesston Stack Hand 10
Short Block GM 478 for 705 Uni
Better-Bilt Hi-pressure Vac. Pump

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

FOR SALE

USED TRACTORS
AC 7030 cab & air, 7000, 200, XT190 series 3, 185, 175, 5050, 5040, 160 w/loader, D17's, D15, B w/plow, G w/hyd., D12 high-clearance w/cultivators.
Ford 5000, 3600 diesel, 2000 w/loader, 650 w/loader, 3000.
Int. 666, 560D, Super MTA, Super M, 230, 140 high clear., Super AV w/cult., Super A w/cult., cub w/rotary mower, 424 diesel w/loader, 544D.
Case 430.

USED HAY TOOLS
Mower Conditioners:
Hesston PT7, PT10, 1090, like new
NH 479, 478, 477
JD 1207
Cutditioners:
NI & MC 7' & 9'
30 assorted sickle bar mowers, call for your needs
Side Rakes:
NI, NH, JD w/dolly wheel & Int.
Hay Tedders:
Fahr & Grimm, Centipede & Grimm ground drive
Balers & Throwers:
NH 315, sharp
NH 273, very good
AC 444
JD 24T
Blowers:
NH, Kools, Papec & AC

Forage Harvesters:
NH 717, 718
JD 38
Hesston 720, 2150
Used Pickup Heads:
NH 717, 770, 718
AC 720, 780, 782
JD 35, 38
Int. 15, 16, 350

NEW HAY & FORAGE TOOLS IN STOCK FOR IMMEDIATE DELIVERY
New Hesston mower conditioners, priced from $3995, 7' & 9' models, 10' hydro-swing
New Idea & Hesston forage blowers
Hesston round & square balers
NI parallel & wheel-type side rakes
Wood & steel kicker racks
Bale movers & bale elevators
Lamco forage wagons

MISCELLANEOUS USED MACHINERY JUST RECEIVED
New NH 145 bu. barrel spreader
NI & Int. 1-row corn pickers
NH 33 flail chopper
Int. #8 flail chopper
Front mounted tractor wood saw
Grove chuck wagon
2 NI running gears
1-row transplanter
JD, AC & MF 4-row 3 pt. hitch cultivators
IHC 3 pt. hitch chisel plow
Good selection plow, discs, corn planters, grain drills.

DEFERRED TERMS UNTIL 10-1-81 AVAILABLE ON NEW AC TRACTORS & IMPLEMENTS, HESSTON HAY & FORAGE EQUIPMENT

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TRACTORS
Farmall H, good shape
IH 504 fully equipped w/WF
Farmall M
AC WD 45 w/live PTO
AC D15
VAC Case w/wide front
Farmall H, sharp, A1

MISCELLANEOUS
NH 479 & 460 haybine
AC 903 haybine
NH 1469 SP w/cab
NH whirl-a-feed blower
Oliver rotobar rake
NH 461 haybine
JD 30' elevator
NH 24' elevator
(2) McCurdy gravity boxes 225 bu. & 275 bu.
Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows, pickers, & loaders.
Unloading wagons $450-850

PLANTERS
IH 400 air, 4-row
JD 494A, 4 row

COMBINES
Gleaner CII w/13' grain, cab w/hillside rattle chain, late model $6000
Gleaner CII cab & grain & 4 row wide $5000
JD 25, 7' cut
IH 76 7'
MF 410 grain head
MF 510 quick attach through

HARVESTERS
IH pickup head - fits 50, 55, 550, 555 & 650
JD 38 2 or 1 row
IH 550 2 row w/pickup
IH 55, 2 Row
AC 780 2 row

WHEEL DISCS
2 IH 10'
JD 14'
2 JD 12'
Oliver 12'
JD 110 14'

PLOWS
IH 5-16" steerable
IH 4 btm. 14" fast hitch plow
Oliver 4-14" or 4-16" drag
JD 5-14" drag
JD 5x16 streeable
JD 6x16 steerable

DISMANTLING TRACTORS FOR PARTS
JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD & D17 Oliver 70 & 77. Ford 8N & 860. Case SC & V.A.C. Massey 44D, IH 400, MTA, 240, F20, WD D2 Cat crawler.
Dismantling 75 combines for parts

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Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

GUARANTEED QUALITY USED EQUIPMENT

JD 6620 diesel hydro combine, like new, 120 hrs., new in fall of 80
IH 656 diesel hydro, clean
IH 550 manure spreader
NH 269 baler
IH 990 hay condit SOLD 9' cut
NH 354 mixer grinder, 3 yrs old, like new
IH 806 diesel, wf, ca SOLD nal, $6750
IH 856 diesel, recent TA & engine overhaul, fully equipped
MF 300 quick attach combine w/cab & air, very clean
(2) JD 4400 combines, cab & air, clean
Gehl 3000 skid loader w/3 buckets, 360 orig hrs , like new w/electric clutch shut off
IH 806 D, wf, 3 pt , local trade in, very good tractor
NI 737 husking unit
JD 4020 D, PS, wf, good clean tractor
806 D w/wf, 2 pt hitch, eng SOLD erhauled last fall
Farmall M, like new rubber, exc shape
NH 717 super chopper w/2-row wide head, grass pickup & single row head, less than 200 acres on machine
JD 620, excellent condition
JD 4020 diesel, side console, wf, diff lock, dual hyd , very nice
IH 856 diesel, wf, 38" rubber, 3 pt , clean
MF 65 diesel, wf, 3 pt , PS
IH 706 diesel, 3 pt , dual hyd
Farmall 450 gas w/fast hitc SOLD , $1800
NI Uni System 701 w/combine & 11' head

MISCELLANEOUS
Cab to fit 56 & 06 series, $375
IH & JD rear & front weights
IH fast hitch scraper blade
18 4x34 axle mount duals w/hubs for IH, $500

Box 91 New Providence, PA. 17560
Ph. 717-786-1606 &
Evenings 717-786-4899

Used Tractors:
John Deere 4520, 4430, 4320 with Cab, 4320 no Cab, Large Selection of 4010's, 3020, 3010, 60 with 3 point hitch. Farmall 1066 4WD 800 hrs., 1066, 966 with cab, 806, 826, 560, 460, 450, M, H. Allis Chalmers D21, D17. Ford 4000 Gas, 8N & 9N. IH 2400 B series w/400 hrs. 1979 IH 1086 w/Cab & Air & Front Wheel Drive Used 700 hrs. MF 1135, cab, air, duals, used 1000 hrs., AC 210, JD 2630.

Used Combines
John Deere 7700 diesel, 4400 gas Rotary screen, 105 diesel, 55 corn special, Massey Ferguson 300 with Quick Tach heads (sharp) 2, 3, 4, 6, & 8 row John Deere corn heads.

Used Trucks:
1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear. 1971 International 1800 with new 14' Body & hoist. 1971 International 1800 Cab & Chassis.

Used Plows & Disks:
1450 John Deere 7 Bottom. Allis Chalmers 7 Bottom. Large selection of John Deere 5, 6, & 7 Bottom. Used Athens Chisel Plow. Kewannee 18' Hyd. Fold Disk. Athens 21' Hyd. Fold disk. IH 470 18' Disk. Large selection of smaller John Deere disks.

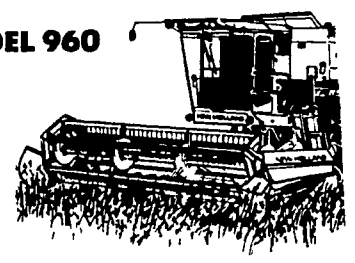
John Deere 950 15' Mulcher also 12' 950 mulcher, Kewannee 21' Hyd. Fold Mulcher. Brillion 18' spring tooth on rubber. Used year around cab for IH 766-1566. John Deere 336 baler. Large selection of Fox choppers & head. Good supply of Fox Parts. New Gehl, Fox & Badger Equip. Used Pittsburg & Nobel field cultivators. Gehl 95 mill. John Deere 1240 Plate & Plateless corn planters. Over stocked on lids for Hawk spreaders. Int. 18 disc grain drill, exc. cond. JD model 2500 6 btm. 18" auto. reset plow. Int. 510 21 disc grain drill, like new.

D & R EQUIPMENT INC.
Ringoes, New Jersey
(201) 782-5082

The Time Is Right... The Price Is Right!!

New Equipment Special...

NEW MODEL 960 NH GRAIN HEAD



...For TR 70, TR 75, TR 85 or TR 95 NH Combine, 13' direct cut header with 13' floating cutter bar, 13' hume, HC heavy duty 6 bat pickup reel and 13' protection plates. Above complete, ready to install on combine...

NEW HOLLAND

$3,895

• Stop In or Call •

Sales & Service On:
• Ford • New Idea • New Holland •

WALTER G. COALE, INC.
2849-53 Churchville Rd.
Churchville, Maryland
Ph: (301) 734-7722 or (301) 879-1434

FARM EQUIPMENT

For Sale - 50 H P electric motor (3 phase) with turbine irrigation pump $2500 717-626-8257

JD 224T baler with #30 ejector, excellent cond., $2500 or best offer 301-876-1956

For Sale - 14' 92 MH combine, good working condition, must sell, best offer. 717-653-5663

JD 720 gas tractor with new transmission, exc. condition, $3500 or best offer 301-876-1956

JD 520 original paint, 4000 original hrs., 3 pt. hitch, 814-793-4293

FARM EQUIPMENT

For Sale - John Deere 350 diesel loader with ROPS and counter weights, 1980 12 ton trailer After 6 p m 215-696 6159

For Sale - JD 45 combine, late model square back with 12' grain & 235 corn head. JD 2640 fully equipped Farmall cub with fast hitch, plow & cultivator. Lancaster Co 215-267-3281

Wanted - Crusher for NH 903 Self propelled haybine, For Sale - Roter-Belly mower for AC G tractor, like new $200 717-784-1779

FARM EQUIPMENT

AC 170 Gas Tractor
AC 170 Dsl Tractor
AC D19 Dsl Tractor
AC 7000 Tractor
NI 290 mow/ditioner
AC 12' Spring Tooth Harrow
NI 213 Spreader
12' EZEE FLOW Fert Spreader
AC 150 Farm Loader to fit AC D15 Tractor

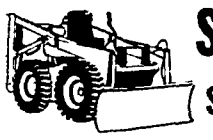
ROY H. BUCH INC.
Ephrata
717-859-2441

HAY EQUIPMENT SPECIALS

NH 273 baler with thrower
JD 24T baler with bale chute
NH 56 rake
New Steel Constructed Bale Rack Wagons in Stock
Zimmerman Elevators in stock
NH 479 haybine
Hesston PT10 windrower

For your equipment needs call
717-949-3074

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT



SCHAEFFERSTOWN EQUIPMENT

SCHAEFFERSTOWN, PA

½ Mile N. of Schaefferstown on Rt. 419
Phone 717-949-6529

ALL MACHINES REPAIRED AS NEEDED — CLEANED & PAINTED.

WE BUY USED EQUIPMENT

WE ARE A DEALER FOR CUSTOM TRAILERS

BACKHOE LOADERS

Case 580B 1975 w/cab	$15,500
Case 580B	$11,500
Case 580 Dsl.	$9000
Case Backhoe Loader	$4500
Cabot Hyd. Excavator Det. Dsl.	$8500
JD 400 Backhoe/Loader w/3 pt PTO, overhauled	$9400
JD 400 Dsl. excellent & overhauled	$9000
Ford 4500 w/ROPS	$9500
Ford Backhoe	$5400
Ford Backhoe	$5200

CRAWLER DOZERS

Cat 46A real clean	$42,000
Cat D4 40A Good	$11,500
Cat D7, Hyd. Blade	$7500
Cat D8 2U Cable	$8500
Cat D6, hyd.	$6500
Letourneau pull pan	$1600
JD 350 6-way angle Blade New Undercarriage	$9000
JD 1010 Dsl. w/winch	$5000

CRAWLER LOADERS

(2) IH 175 4 in 1 bucket, clean	$10,500
JD 450B	$16,500
JD 450 Sharp	$12,000
JD 450 w/ROPS, good	$12,000
Cat 955H 60A	$10,000
IH TD6, 4-in-1 bucket, excellent cond.	$8500
IH T340 Dsl. 4-in1 Bucket w/ripper	$7000
Cat 977K w/ripper & cab Good	$24,500
AC HD7G	$6500
AC HD5	$4200
AC HD5	$3450
Case 1150 4-in-1 bucket	$7500

AIR COMPRESSORS

LeRoy 105	$3500
Jaeger 105	$2000
Chicago Pneumatic 125, O.H.	$3000

ROLLERS

Fordlane Paver, ex. cond.	$3100
3 Ton Tandem	$2000
1 Ton Roller	$2000
1 Ton Roller	$1000
1 to 3 Ton Vibra - Pac	$2800
3 to 5 Ton Tandem	$4500

SKID STEER LOADERS

JD 24	$4800

GRADERS

Huber Wargo Dsl. w/Cab	$5000
Galion 118 Dsl. w/cab	$6500

TRAILERS

1979 CMI Folding Hydr. Gooseneck 30 ton	$29,500
9 Ton Tag-Along	$1400
9 Ton Tag-Along	$2000
9 Ton Tag-Along new heavy duty	$5100
12 Ton Tag-Along	$2000
12 Ton Tag-Along	$2750
15 Ton Gooseneck, S.A.	$3500
25 Ton Gooseneck Tandem Axle Double Drop	$5500
Approx. 1½ Ton Tandem Axle Tilt Trailer w/winch	$1200
4 Horse Imperial Deluxe	$2800
1 Ton Roller Trailer	$800
New Trailers - All sizes and prices Call	

TRUCKS

1975 Dodge ¾ ton 4x4 clean	$3500
1974 Doge Tri-Axle Dump Dsl. 175,000 Miles Left on Engine Warranty, good	$17,500
1965 Int. Dump S.A.	$3200
1956 White 18' bed S.A.	$1800
1967 GMC ¾ ton w/utility box	$800
1970 Chevy w/20' bed S.A.	$2500
1975 Plymouth Fury 6 cyl.	$2000
1973 Buick Riviera	$1500
1969 Ford sgl. axle dump, good	$6900
1965 Ford ¾ Ton	$450
Int. Tandem Axle Dump	$4250

WHEEL LOADERS

AC TL16 Diesel	$7500
Hough 70, 4x4 3 to 4 yd. good	$14,500
Hough 30, 1 yd. good	$3500

MISCELLANEOUS

MF 180 Tractor	$5250
Ford Corn Planter 2 Row 3 pt. Ex.	$450
16' Dump Box excellent	$2650
5 ft. Rotary Cutter	$465
Pavement Breaker 90 lb.	$350
3 pt Landscape Box	$375
Assorted Loader Buckets	
6 ft. Angle Scraper Blade 3 pt.	$175
16 h.p. Bolens Riding Tractor w/mower excellent	$1850
Myers Snow Plows-Electric/Hydraulic/Angle	$1000
17' Dico Block Unloader, Complete	$2500
Davis Trencher w/Backhoe 30+4	$7500
Davis Trencher 30+4	$5000
Davis Trencher 300+	$3000

SUPER SPECIALS - MUST GO!

New Equipment	Sale Price
I584 D RC tractor	$11,900
I684 D utility tractor	12,680
I785 RC tractor	13,800
IH 400 4R cyclo planter	4,500
IH 5100 16x7 comb. drill	3,460
2250 loader (buckets not inc.)	2,550
I986 D tractor*	$26,500
I1086 D tractor*	33,000

*Both of these tractors are eligible for a $3000 Rebate from IH if purchased before July 31, 1981.

Used Equipment

I-574 G tractor	$5,200
Farmall 544 G tractor (exc. cond.)	5,800
I-656 D tractor	6,600
John Deere 3010 G tractor w/cultivator side mower and loader	4,700
New Idea 705 D Uni-System (real bargain) (Combine, cutter bar & 3 row corn head)	19,500
IH 205 combine w/10' grain platform & 2 row corn head	6,600
IH 990 mower conditioner, 9'	1,295
IH 37 baler w/thrower	1,125
John Deere 24T baler w/thrower	1,795
John Deere BWF 15' disc harrow	2,295
IH 55 chisel plow 13' (Good cond.)	1,595
IH 706 4F plow (auto reset)	2,250

C & W EQUIPMENT, INC.
260 York Rd.
Carlisle, PA 17013
717-243-4419

USED EQUIPMENT

JD 680 Manure Spreader, Tandem Flotation Tires, Excellent Shape. You Can Save a Couple Thousand Off List Price.

Farmall 1206 Tractor w/heavy duty offset disc, like new
Farmall 966 Tractor w/cab, new pistons & sleeves
Farmall 1066 Hydro Tractor with cab
Super A Farmall w/Cultivators
AC D17 Series 4 Tractor w/snap coupler
IH 1466 tractor w/red cab, air, dual hydraulics, dual PTO, 1000 hrs., super sharp!
Farmall 1456 Tractor
MM 602 Diesel Tractor
JD TWA Plowing Disk
IHC 2350 Mount-O-Matic Loader w/8' bucket, excellent
JD 20x7 Grain Drill, no fertilizer
Lilliston Rolling Tomato Cultivator, set for 3-5' rows
NI 325 30" 12 Roll Picke[SOLD]n

RAYMOND B. LEAMAN
Willow Street RD 1, Ph: Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Refton

FOR SALE

8 KW PTO generator on wheels, $950
Schedule 80 PVC pipe 3" & 4" Victaulic couplings.
215-286-9510

JOHN DEERE *Nothing runs like a Deere*

USED MACHINERY

TRACTORS:

JD 2040 D WF 1100 hrs. . $6500
Farmall M w/M&W 2 Spd . $1300
JD 2010
Farmall 460 gas, clean . . . $3985
Oliver Super 77 . . . . . $900
JD Cyclone A $1050
JD 1020 gas $4500

PLANTERS:

IH 6 Row 400 Cyclo w/Mower $2300
AC 500 4 row $800
2 Oliver 540 4 row . . . . $600 ea.
JD 1250 6 row plateless w/monitor $1900
IH Cyclo 4 row no-till $2500
JD 1240 plateless $1200
Oliver 2 row, 3 pt., ... $450

MISC.:

JD 336 baler w/30 ejector, like new $4200
Mayrath 34' elevator $900
JD 643 corn head $10,900
NH 280 baler w/thrower . $1850
MF 12 baler w/thrower. . . $1500
JD 16A chopper $1800

COMBINING:

JD 95 Cab - 4xN - Grain. $10,900
JD 237 MTD Picker $1400
JD 6620 side hill combine, 1980 model w/16' platform $61,300
JD 42 pull type $1400
JD 40 s.p. w/8' grain and hume reel. $3700

FORAGE:

NH 890 w/2XN - Pick Up Controls $6400
Clay wagon w/roof, 3 beaters $1600
IH 650 w/2XW - Pick Up . . $1500
IH 555 w/2XW - Pickup. . . $1400
JD 3800 Long Tongue for Parts. $1100

TILLAGE:

Pittsburg 4x16 3 pt. plow . . $550

NEW EQUIPMENT SPECIAL
We have new JD 1065 A wagon chassis with adjustment hitch, 10x15 wheels, stakes, knock down.
Pick up here $750 each

WINELAND EQUIP. INC.
RD2 Rte 164 East
Martinsburg, PA 16662
Phone 814-793-2109

NEW EQUIPMENT

Brillion 4 and 6 Row Cultivators
Killbros Model 350 & 375 Grain Boxes w/hyd. Augers
801 Uni Power Unit w/818 Combine & 13' Grain Head

Hesston 1091 9 ft. 3" Pull Type Windrowers Rebates in effect.

Hesston 6550 12' cut SP Windrower, Dsl, w/Hydrostatic Drive Will demonstrate

WE STOCK A FULL LINE OF BRUNING INTERIOR & EXTERIOR PAINT

VIGOR-RATED SOYBEAN SEED & SOYBEAN INOCULANT

BUSH HOG 6' & 7' 3 pt. Rotary Choppers in Stock

7' & 9' PEQUEA PTO HAY TEDDERS IN STOCK

BRUNING BARN, FENCE AND ROOF PAINT 5 GALLON SPECIAL $49.80

USED EQUIPMENT

705 Uni w/729A & 738 4RN Corn Head
2-729A Shellers
1-729 Sheller
NI 710-711 Uni Combine
Ford 906 7' 3 pt. Rotary Cutter, ex. cond.
16' Dion wagon on new Gehl 10 ton running gear
JD 12' Packer
18' Brady Tine Harrow
NI #44 Hay Rake, real nice cond.
NI #404 Wheel Rake
AC Model A Gleaner 12' Combine
Century 200 gal. sprayer
JD Hay Fluffer
IH #56 Forage Blower

JUST TRADED CENTURY 300 gal. 10 row Field Sprayer with new pump

LAWN & GARDEN
Tanaka Flex-Line and Brush Trimmers in Stock
8 H.P. Category 0 3 pt. Rototiller, like new
New Gilson Rototillers in Stock

UMBERGER'S MILL FEED - GRAIN - FARM EQUIPMENT
Dial 717-867-5161 or 717-867-2613
RD #4 (Fontana) - Box 545
LEBANON, PA 17042

New Idea, Hesston, Gehl, Brillion, & Bush Hog Dealers

PARTS VALUE OF THE MONTH

GET MOWER FOR YOUR MONEY!

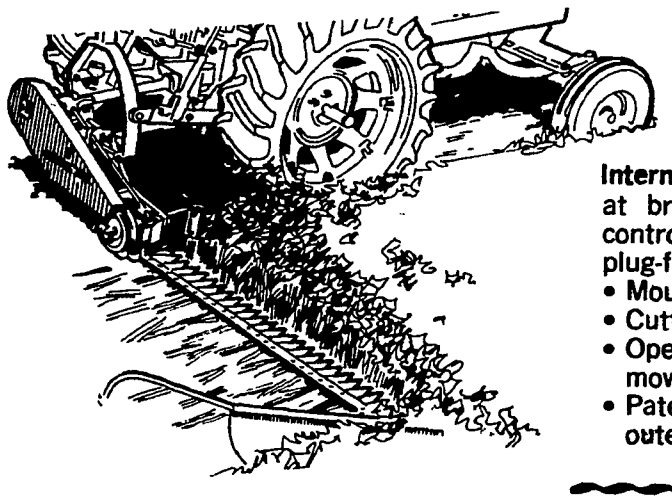
Here's a super-sharp deal for you. Right now, we have special low prices on quality International Harvester mowing parts. You'll save up to 20% off regular IH suggested list prices on guards and sections. And you'll make big savings on ledger plates, cutterbars — everything you need for crisp, clean cutting and schedule-beating performance. Come in...stock up. Get set to mow and put a slice of the saving action in your pocket at the same time.

STOCK UP NOW AND SAVE!

IH HAY & FORAGE EQUIP. HEADQUARTERS

Your Choice For Mowing...

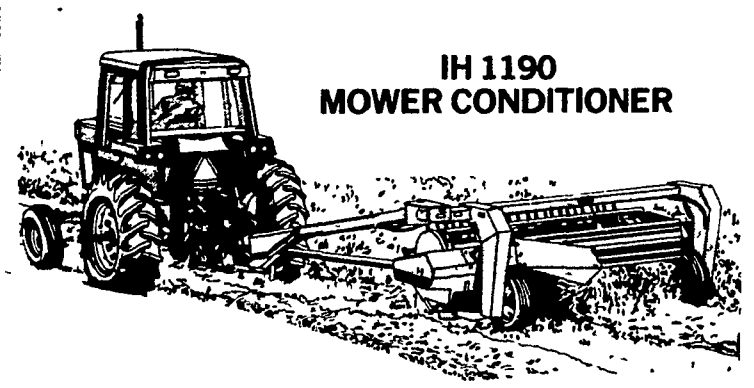
Conventional Cutter Bar Or Mower Conditioner!



Smooth, Fast... And Plug-Free!

International Balanced Head Mowers glide through crops at brisk speeds. Their short, powerful strokes, plus controlled cutterbar vibration, assures clean, smooth, plug-free mowing. Make your choice today.

- Mounted or trailing models, 7 or 9-ft. cutterbars.
- Cutterbar automatic breakaway protection.
- Operates above and below horizontal for all-terrain mowing.
- Patented triplet end knife section stops plugging at outer shoe.



IH 1190 MOWER CONDITIONER

Preserves hay quality to maximize profits

- Two sizes: 7 and 9'
- Over-the-top frame suspension allows for header float, keeps crop pathway clear
- Rolls separate automatically when header is raised so you can clear slugs from your tractor
- Lever control lets you adjust the width of windrow or swath
- High-speed oil-bath knife drive gives you clean cutting, long life.

International® Twine-Tie Balers

Your choice of three models... with 15 to 19 tons per hour capacity

International 400 Series balers offer you more than just capacity With 4,800 lbs of force behind the plunger, you're assured of tightly packed, uniform bales that stand up to rough handling And they're also designed to give you easy servicing, to help you keep going when the crop is ready Your pick of three models

435T—best choice for most hay crops 65-in 4-bar pickup with 80 teeth, husky 2-knuckle PTO

445T—offers top performance in hard-to-bale crops such as cane, millet, sudax With 65-in 6-bar pickup with 120 teeth, gauge wheel Heavy-duty 3-knuckle PTO

425T—an economy baler with many of the same performance features found on the bigger capacity IH balers With 61-in 4-bar pickup, 2-knuckle PTO Heavy-duty 3-knuckle PTO optional

Finance plans available.

INTERNATIONAL® AGRICULTURAL EQUIPMENT

USED EQUIPMENT

Tractors
I 300 Utility
Farmall 140
Farmall M
Farmall H w. Loader
F544 Gas, w. 2000 Loader
IH 504 Gas
IH F 560 Gas
IH F 450 D
IH F 986 D
IH F1086 D
IH Hydro 84 D
IH 184 Cub Lo-Boy
IH 185 Cub Lo-Boy
IH 85 Riding Mower
AC D15 w. Loader
IH TD8 Crawler
Satoh 650 G
Oliver 1850

Forage Equipment
IH 16 Harvester w/2 Heads
IH 650 Harvester w/2 heads
IH 550 Harvester w/2 Heads
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 38 Harvester
JD Flail Chopper
IH 5 Flail Chopper
AC 780 Harvester
Fox 546 Harvester
NH 717
Gehl FB 82 Blower
IH 42 Blower
IH 56 Blower
Kools Blower
NI Forage Wagon

Pickers
IH 234
IH 2 ME
IH 2 MHD
NI 2-Row Mounted

Miscellaneous
Snow Blowers For Cadets
Sauder Loader
JD 110 Lawn Tractor
IH 125 Cadet and Mower
IH 175 Spreader
IH 550 Spreader
Little Giant Roll A Way Elevator
IH 2000 Loader
IH 2001 Loader For I 544
NI Spreader
Waldron Dozer Blade w/IH or JD Mountings
JD Post Hole Digger
Papec 870 Grinder Mixer
AMF 10 HP Tractor w Mower
Triaxle 9 Ton Trailer

Plows
IH 311 mtd.
IH 550 5-Bottom
IH 450 3F Auto Reset
IH 531 3F
3F Trailing Plow
Fast Hitch 2 way
MF 5F 14" Mounted

Tillage
Dunham 10 Ft. Cultipacker
Howard S.T. 180 Rotovator
Howard E60 Rotovator
JD Model KBA Disk Harrow
Lely Power Harrow
MF 3 pt. Disk Harrow
Oliver Disk Harrow
Brillion 16 Ft. S.T. Harrow
McConnel 20' Spring Tooth Harrow with Transport

Combines
IH 91
IH 127
IH 403
IH 810 15' Grain Head
IH 227 Corn Head
IH 743 Corn Head
IH 843 Corn Head
IH 429 Corn Head on 403
JD 45

Compact Skid Loaders
IH 4125

Planters & Drills
IH 500 Planter, 6 Row
IH 455 Planter
MF 4 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 251, 2 Row Mtd.
JD FB 177B Drill, 7x7

Hay Machines
IH 47 w/thrower
IH 37 w/thrower
IH 241 Baler
IH 440 Baler w. Thrower
IH 10 Bale Thrower
IH 115 Mower
M.C. Rotary Scythe
Woods 306 Mower
Kubota 60" Mower
AC 303 Baler
Myers Hay Crusher
IH 46 Baler
MF 128T Baler
Hesston No. 10 Stakhand
NI Mower

YOUR COMPLETE IH FARM EQUIPMENT DEALER

SWOPE & BASHORE, INC.

R.D. 1, MYERSTOWN, PA
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown
On Rt. 645 in Frystown
PHONE: 717-933-4138

PARTS DEPT. HOURS
Mon.-Fri.
7 AM to 5 PM
Sat. til 11:30 AM

INTERNATIONAL® AGRICULTURAL EQUIPMENT

• UPS SERVICE AVAILABLE

FARM EQUIPMENT

For Sale - JD 24T baler with thrower, Hesston 320 SP haybine, excellent condition, 1 400 gal. Jamesway bulk milk tank with compressor, Oliver 77 row crop tractor, Surge 8 unit milker pump, Keith Griffith, Rd, Broad Top, PA 16621 814-448-2900 Huntingdon Co

2 bale wagons, 1 IH hay rake Ellis Griffith Rd, Broad Top, PA 16621 814-448-3336 Huntingdon Co

For Sale - MF 300 combine with cab & pickup reel, real sharp, Lebanon Co 717-865-3155

FARM EQUIPMENT

NH 320 baler, heavy duty power line, super sweep & turn shute, one owner baler, ready to go, $4000 215-294-9377

For Sale - Gehl 11.. grinder mixer with rebuilt gear box 717-865-4932

For Sale - JD 24T baler with ejector, good condition, reduced to $1195, JD 50 side mounted mower, fits 3020 and others $395 717-548-2559

Wanted - electric feed cart and feed conveyors 215-593-5044

FARM EQUIPMENT

For Sale - Custom Built double chain wooden conveyors and tapered board feeders Also hay rack wagons, and flat bed wagons with sides and calf hutches Samuel K Stoltzfus, 550 Beechdale Road, Bird-in-Hand Rd1, Pa. 17505

Wanted - Tobacco plants, 717-742-3739

FARM EQUIPMENT

L225 Kubota, 3 cylinder, diesel, 24 hp 70 hrs., 2 speed PTO, loader, 3 pt. hitch, excellent condition. 717-966-0231

For Sale - Cultivators for CA AC 717-786-3375

John Deere 50 tractor 3 pt, power steering, excellent condition 301-829-0271

FARM EQUIPMENT

For Sale - 10' pickup reel, $175, good condition 717-865-3155

FOR SALE
NEW
JD 346 baler with #30 Kicker (Can't use Farm Sold)
W.T. Cook
301-363-0631

GOOD USED EQUIPMENT

Farmall H tractor
IHC model 350 trailing disc harrow 11'6" good cond
Leyland model 2100, 100 hp. w/16.9x34 dual wheels 1400 hrs. w/cab, clean
Used NI #279 cutditioner, like new
JD 13x2 grain drill, double disc openers good condition
IH 3 btm. semi-mtd. fast hitch plow
IH #710 4 F auto reset plow
IH 4120 Skid loader w/2 buckets
F-140 w/culti., ldr., plow, & mower, exc cond.

NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.
Rd 2, New Ringgold, PA
717-943-2367

C.J. WONSIDLER BROS.

ALLIS-CHALMERS AGRICULTURAL EQUIPMENT

TRACTORS
AC 7040 D w/cab
AC 7030 D w/cab
AC 190XT D w/cab
AC 185 D
AC 170 G
AC 6040 D
AC D17 G
AC WD45 G
AC WD G
JD 3020 D
JD 820 D w/7' Blade
JD 1010 Crawler w/3 pt. hitch, PTO, dozer blade
JD 60
JD B
Farmall 460 D
Farmall 185 w/mower, snow plow & snow blower
MF 1100 D
MF 1080 D
MF 180 D w/loader
MF 180 D
MF 65 D
MF 50
Ford 3000 G
Ford 800
Ford 601 w/Sickle Bar
Ford 9N w/mower
Ford 8N
Oliver 500 D
Case 630 w/Loader
(3) Case 300
Case DV
Satoh Elk 550 w/lo hrs

MISCELLANEOUS
NI 506 Front end Loader
JD 17 Disc Drill
McCormick 13 Disc Drill

CORN PLANTERS
AC 600 Air Champ 4-row w/liquid fertilizer
AC 600 4-row
(2) JD 494A 4-row
JD 494 4-row
Farmall 556 4 row

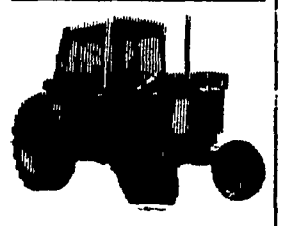
TILLAGE TOOLS
AC 5-B 16" Plow-Semi
AC 4-B Plow-Snap coupling
Oliver 6-B Plow-Semi
Oliver 5-B Plow-Spring Trip
Oliver 4-B Plow-Auto. reset
Oliver 3 B Plow - 3 pt. hitch
Ford 5-B 16" Plow - 3 pt
JD 2-B Plow-pull type
Oliver 252 12' Disc
Bush Hog 1436 14' Disc
JD 12' Transport Disc
JD 7' Pull Type Disc
McConnell 16' Transport Harrow
JD 10' Cultimulcher w/Harrow
JD 10' Cultimulcher
AC 3100 10' Offset Disc
AC 16½' Field Cultivator

COMBINES
Gleaner K w/grain & corn heads
Gleaner AII w/13' grain & 2-row corn heads
Gleaner CII w/13' grain & 438 corn heads
JD 55 Corn Special w/cab, 12' grain & 330 corn heads
JD 55 w/grain & corn-heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
MF 82 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads

SPECIAL SALE on USED HAY EQUIPMENT

NH 1469 Self prop 9' Haybine
Hesston 110 Self-Prop Haybine
AC 904 9' Mower Conditioner
Meyers 8' Mower Conditioner
(2) McCormick Conditioner
NI Hay Conditioner
IH Hay Conditioner
McCormick #2 Hay Conditioner
AC 303 Baler
NH 271 Baler & Thrower
NH 68 Baler
NH 277 Baler & Thrower
NH 273 Baler
NH 479 Haybine
NH 461 Haybine
NH 469 Haybine
(2) NH 461 Haybine
MF 81 Haybine
NH 880 Harvester w/2-row corn & pick up heads
(2) AC 720 Harvester w/2-row corn & pick up heads
IH 1-row Harvester w/pick up
Gehl Harvester w/1-row pick up
JD 38 Harvester 30" rows w/pick up & 2-row corn heads
NH 717 Harvester w/1-row corn & pick up heads
NH 717 Harvester w/1-row corn & pick up heads EXCELLENT!!
JD #6 Chopper w/both heads
NH 616 Chopper w/both heads
(4) NH 717 Chopper w/both heads
IH 16FH Chopper w/both heads

AVCO NEW IDEA
Trumbauersville to Finland Rd, Quakertown, PA
CALL (215) 536-1935, 536-7523
OR Rts 309 & 100, New Tripoli, PA (215) 767-7611
OR Lobachsville, Oley, PA
(215) 987-6257, 987-6221



NEW TRACTORS
F1086
F140, special price
Int 584 w/2250 loader, special price
Int. 584 row crop
Int. 284, gas & diesel
Int. 384D
Cub 184 Lowboy

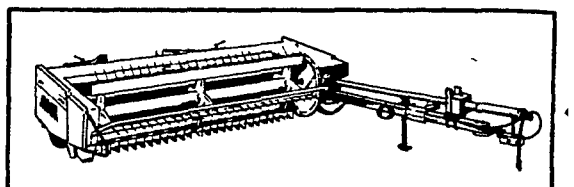
NEW HAY EQUIPMENT
445 baler w/thrower
1300 7' mower
1190 mower conditioner, 7'
35 side rake
7x16 forage wagon

USED TRACTORS
Cub Lowboy w/C3 mower
Cub 154 w/Woods mower
Cub 185 w/3160 mower

NEW EQUIPMENT
4140 skid loader
2250 loaders, special price
720 plow 5' 18"
350 disc harrow 10' 3"

USED EQUIPMENT
Used 512 NH spreader
510 plow 5 bottom, 16", $1500

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676



NEW IDEA #299 MOWDITIONER
SPECIAL CASH PRICE
You Haul $4685.00

CARL L. PIERCE EQUIPMENT
R.D.2, Columbia Cross Roads, Pa
Ph - 717-297-3513

DEUTZ — NEW IDEA — PAPEC

USED FARM EQUIPMENT

NH 469 Haybine	$1675
NH 479 Haybine	$2775
Hesston 310 SP Mower Cond.	$1350
MF-NI Mower Conditioner	
NH 273 Baler w/or w/o thrower.	$1890
NH 269 Baler	
NH 54A Bale Thrower	$450
IHC 37 Baler & thrower	$950
IHC Tedder	$150
JD "60" PTO Blower	$475
NH 27 PTO Blower	
NH 1880 210 h.p. 3R Fg. Harv.	$13,850
IHC 550 Fg. Harvester w/pickup & 2R Adj. Heads.	$995
Fox 2300 Fg. Harv. w/2R Head, like new	$4750
NH 800W Pickup Head	$985
NH 518 Spreader w/hyd. endgate.	$1950
AC B Tractor Plow & Cultivator	$985

Call for prices on other equipment

SPECIAL PRICES ON NEW
NH L35, L325 Skid Loaders
NH 315 Baler, 846 Baler, Mowers
NH 488, 489 Haybines
NH 14, 230, 235 Wagons
NH #8 Forage Box w/roof
NH 513, 519, 679 Flat Bed Spreaders
NH 782, 892 Harvesters and Heads

Tedders, PTO and Traction Driven
3200 gal. Spreader with ejector
Garden Tiller, Ariens, 4 H.P.
Killbros Gravity Boxes

ROYA. BRUBAKER
SALES ★ SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

JOHN DEERE *Nothing runs like a Deere*

THIS WEEK'S SPECIAL ON NEW MACHINERY

	List	Sale
JD 2440	$19,061	$14,800
JD 1209 Mower Conditioner	7562	5500
JD 1207 Mower Conditioner	6200	4500
JD 567 Rake	1846	1500
JD 680 Spreader	9875	7300
JD 506	935	735
JD 225 Offset Disc	5348	4250
JD 1250 Plow 3-16"	2010	1650
JD 2600 Plow 4-18"	7800	6300
JD 445 RH Flail Spreader	4657	3600

Waiver of Finance Till Oct. 1 On Most Hay Equipment

Rental of Power Till Seeder

SPECIALS ON USED EQUIPMENT

JD 4000 tractor	10,700	10,400
JD 730 Tractor	4000	3600
JD H w/cultiv. (SOLD)	750	650
Ford 8N, mint cond	2800	2500
Ford 801 backh & Loader (SOLD)	5000	4500
Ford 801	2500	2100
JD 336 baler w/3ejector	4600	4200
JD 7000 planter, 4RW	6000	5500
JD 7000 Maxi Merge	6500	5600
JD 494A	900	700
JD 494	650	500
JD 1240 plateless pltr	2300	2000
AC no-till 6RN	3500	2400
Farmall M tractor (SOLD)	1500	1375
IHC 6RN 400 cyclo	3500	2500
White 5400 plateless planter, 6RN, 2 yr old	6600	6000
Plow for cub Lowboy	395	375
MF disc, 12'	2000	1900
JD 790 Spreader	2500	2000
JD R Spreader	475	400
NH 460 haybine	1450	1000
JD 640 rake	1200	1000
JD 640 rake	1275	1150
JD plow 2-14"	475	450
JD 1990 wheel harrow	2000	1800
Transport c (SOLD)	1250	995
JD 4400 combine, repossed w/213 grain & 444 corn head		
Owantonna 700 SP Mower Conditioner	3500	2500
NH 1469 SP haybine	4000	3000
JD 301 fertilizer spreader	550	500
Grove hay wagon w/dump	800	750

NO TRADE ON SALE PRICES

JOHN DEERE
AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

USED TRACTORS:
JD 60 $1275

JUST ARRIVED NEW MF TRACTORS
2705 - 285 - 255 - 220 - 210 - 205

ALL DIESEL'S NEW TRACTORS:
WHITE 4-175 4 Wheel drive w/all extras
WHITE 2-45 2 Wheel drive
White 245 4 WD demo.

USED COMBINES:
MF 760 (1978) Turbo 6 w/Hydro trans. A/C Cab Dsl. $42,795
MF 750 (1978) Turbo 6 Dsl. w/Hydro trans. A/C Cab $42,700
MF 750 (1977) Turbo 6 w/hydro trans. $39,700
MF 510 Diesel (1977)
White 8800 Corn & Soybean Diesel combine, air/heat/cab hydro. trans., 13' grain table, 704N cornhead 1977 model, very good cond. $37,380.
MF 410 diesel w/air cab & grain head $13,700
OL 525 w/heads $8750

USED CORN PLANTERS
2 IH 400 cyclone, 6R, no til $4250
IH 4R no-til, 1 yr. old $4150
2 AC dry fertilizer, 6R, no-til $2875
White 5100 seed boss planters 4,6, & 8 row no-til

MISCELLANEOUS
New 350 GT grain dryer - Special Price
MF 15 grinder mixer 1978 $3498
10' Versatile SP Swather, & conditioner $1895
Fox 2310 1000 R.P.M. w/new 1 row belted head & P.U. $6895
MF 260 forage harvester w/2 row corn & pu head w/elec. sharpener $5895
MF 54 ensilage blower new $1195
KB 200 Kools grinder & blower $2195
54 Kools blower $495
SB 25 Farmhand wheel rake (1979) $975
IHC 6x16 mtd. plow spring trip $1945
OL 2 bottom pull type plow 2x16 $475
Kuker 200, 300, 400 gal. trailer sprayers
New Brady field cultivator 20½' fold up

GUS FARM EQUIPMENT, INC.

CHOICE PACE VISA

Intersection of Routes 616 & 214
Seven Valleys, PA
(717) 428-1967

WHITE Farm Equipment
MF Massey Ferguson

Case 1150 B crawler loader w/rops cab and ripper
4 yr old, Miller tilt top trailer w/air brakes
1973 F 750 Ford dump with air brakes 2500 miles, on new motor with snow plow mounted

Blaine N. Rentzel
Emigsville, PA
717-764-6412 or
eves, 717-266-1671

HI-PRESSURE
HYPRO PUMP
Build your own washer with a Hypro 0 to 1200 PSI pump
Pumps, nozzles, hand guns
EECO, INC.
Harrisburg, Pa
17110
717-238-9423

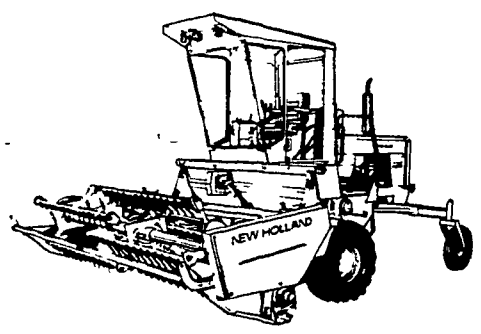
TRACTOR & MOTOR REPAIRS
Over 20 years experience with Ford tractors and equipment
Shop & Road Service
Pickup and Delivery
WALT STIVELY, JR.
Springville Road
Quarryville, RD3
Phone 717-786-2252

USED GORMAN-RUPP PUMP
For liquid manure and waste water, pump only or w/gas engine
EECO, INC.
4021 N. 6th St
Harrisburg, PA 17110
717-238-9423

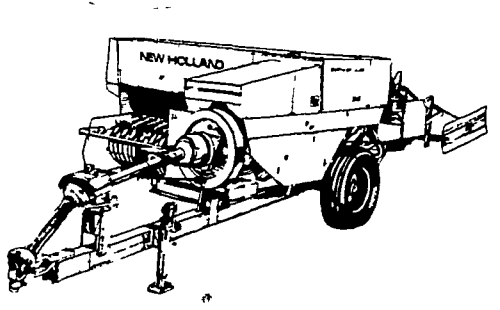
HYDRAULIC REPAIRS
CYLINDERS • JACKS
PUMPS • CAB JACKS
BEARTOWN HYDRAULICS
New and Used Equipment
Narvon, PA
Rt. 322 Midway
between Honey Brook & Blue Ball
Phone 717-354-5649

MESSICK FARM EQUIPMENT

Hay in a Big Way!



1495 Haybine® Mower-Conditioner
12 Ft. cut with 9 ft. conditioning rolls for faster drying action.



NH 315 Baler

GET A GREAT DEAL ON SPERRY NEW HOLLAND HAY TOOLS!

Waiver of Finance on New Holland Hay Tools until Oct. 1, 1981 or Cash Rebates

THE LABOR SAVERS

Just Received New Shipment - Waiver of Finance Until Sept. 1, 1981

THE STRONG-BOXES
Built Extra Rugged For Extra Dependability.

NH 791 10 Ton Spreader

NH L445 Skid Loader

IN STOCK	■ INTERNATIONAL MODEL 183 VIBRA-TINE 6 ROW CULTIVATOR
READY TO GO:	■ INTERNATIONAL MODEL 183 VIBRA-TINE 4 ROW CULTIVATOR

REAL GEMS

- ★ New - IH 10 Flail Chopper ..... $3,567.75 FOB
- ★ NH 495 12' Haybine, Good Condition
- ★ Gehl Forage Box, Tandem Axle, High Sides, 3 Beaters
- ★ Ford 3600 Tractor with Cab, 1 Year Old, 60 Hours, New Condition
- ★ IH Model 1190 Mower-Conditioner, Excellent

GOOD CLEAN USED EQUIPMENT

Farmall C w/Cultivators
Farmall 706 D, 3 Pt. Hitch
Farmall M Tractor
Ford 3600 w/Cab, New Condition, 60 Hours
IH 284, 6' Rotary Mower, Flotation Tires, Used 26 Hours
Oliver 77 Tractor
IH 154 w/Rotary Mower
Farmall Cub Lowboys w/Rotary Mowers
510 Grain Drill, Ex.
NH 519 Spreader
NH 510 Spreader
NH 362 Tank
NH Super 717 Harv.
IH 650 Harv.
NH #8 Wagon Fully Equipped
IH 56 Blower
Several Used Cub Cadets
NH #33 Flail Chopper
Twin Rower to Pull 2 Rakes
NH 320 Balers (1 yr. old)
NH 315 Baler w/Thwr
NH 276 Baler w/Thwr
IH 37 Baler w/Thwr
IH 46 Baler
Oliver 520 Baler
MF Baler w/Thur
NI Rake
NH 258 Rakes (1 yr. old)
NH 479 Haybine
NH 490 Haybine 12 ft.
New IH 800 Planter, 6 row, Fully Equipped
Used IH 400, 4 Row, Excellent
Used J.D. 494A, 4 Row
Used J.D. 494A, 4 Row
Rotary Mower, 3 pt. Hitch
Gehl 9 ft. Mower Conditioner
IH 1190 Mower Conditioner
Oliver 3 Bottom Plow
IH 400 Planter, 4 Row
IH 531 Plow
Athens 13' Disc Harrow, Excell. Cond.
Ford 8' 3 pt. Disk Harrow
IH 37 Disc Harrow
NH 495 12' Haybine

MESSICK FARM EQUIPMENT, INC.
RHEEMS EXIT - RT 283, ELIZABETHTOWN, PA
PHONE 717-367-1319, 653-8867
WARREN SPICKLER — HOME 653-4560 RAYMOND MILLER — HOME 653-8762

THE VERMEER BALE WORLD HEAVYWEIGHT CHAMPION!

Roll your own

It's the World Heavyweight Champion!

Up to 2,000 lbs of hay in one package Up to 15 tons per hour Solid from the core to the outside wrap 25% heavier than other large round packages 25% less spoilage A bale that retains its shape — and nutritional value — better than any other hay package in the field

Three quality built "F" Series Balers to fit your needs Plus the new "G" Series, designed with energy savings in mind

Call today for a demonstration and get this free belt buckle

Vermeer VERMEER HEAVYWEIGHT CHAMPION

RED WING FARMS
R.D. 1378, Fleetwood, Pa.
(215) 944-0791
Demonstrator Available

FARM EQUIPMENT

MF
SPERRY NEW HOLLAND

NH TR70 Combine w/Cat Dsl., 6R C.H. 15' Grain Table (Demo) $2500 Cash Bonus And Free Finance If Purchased by May 31st.

USED EQUIPMENT

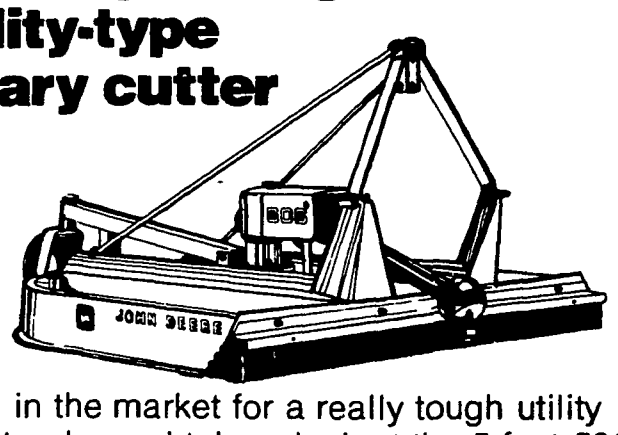
MF 1105 tractor
MF 245 diesel tractor
IH 350 tractor
IH #450 gas tractor w/fast hitch
NH 36 flail chopper
NH 469 haybine
2 PT10 Hesston mower conditioners
AC 9' 480 haybine
JD 480 9' haybine
IH 47 baler
IH 37 baler w/thrower
MF 10 baler w/thrower
NH 67 baler
NH 717 forage harvester
AC forage harvester
IH forage harvester
NI 3 pt. rake
Papec blower
JD 16 hoe grain drill
IH 13 run drill
JD 17 run drill
MF 468 4 row planter
JD 6 ton running gear
MF 110 manure spreader
Starline tank spreader
JD 4B-16" mtd. plow
MF 743B-16" plow
JD mtd. 8' disc
Pittsburgh 8' disc
MF 300 quick attach combine w/2 heads
MF 300 quick attach combine w/cab & 2 heads
Gehl 2600 Skid Steer Loader
IH 2R fast hitch corn planter
IH fast hitch 7' mower

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

SPECIAL OF THE WEEK

10% Cash Discount
Thru June 6th

506 and 606 feature Unibody™ design in a utility-type rotary cutter



If you're in the market for a really tough utility cutter, stop by and take a look at the 5-foot 506 or 6-foot 606 Unibody rotary cutters. Multi-purpose blades and a "stump jumper" blade holder are only a few of the many heavy-duty features you'll like in these new cutters.

OXFORD GREENLINE

RD1, Oxford, PA
215-932-2753
215-932-2754

JOHN DEERE

John Deere design, dependability and dealers make the difference

New Summer Hours
7 am-6 pm daily Monday-Friday

FARM EQUIPMENT

FOR SALE

MF 1100
MF 1085
MF 1130 w/duals
MF 760 combine, 6 row 30" corn head, 15' grain table
MF 180 diesel
AC 190XT
Farmall 966
MF 124 baler

MELVIN M. BURKHOLDER
Ephrata, PA.
717-859-2960

SPECIAL NEW INTERNATIONAL TRACTOR

784 IHC Diesel
67 PTO HP
18.4-30 6 ply rear
Torque Amplifier
Big 13 G P.M. Pump
Less: Rops Frame
Special Price
13,660.00
STAUNTON TRACTOR, INC.
Staunton, Virginia
Phone
1-703-885-7261

FARM EQUIPMENT

ROUND STEEL HAY RACKS
For 18 Head

IN STOCK - ROUND OR SQUARE BALES
These hayracks are suitable for hay, grain & silage. Exterior plywood flooring
Price $210

BELL ROAD WAGON SHOP
RD 1 Box 280, Bell Rd.
Christiana, PA 17509
For delivery service call
717-529-2717
or Strasburg area -
Lancaster 717-687-8217
Directions - 1 mile south of Nine Points off 896 on Bell Rd.

FARM EQUIPMENT

HAVING PROBLEMS?

We're experienced to solve your hydraulic and pneumatic problems by installing new systems or maintaining and repairing existing systems. Our large stock eliminates waiting.

Call us for:

AIR	MISC	HYDRAULIC
Motors	Oil	Motors
Compressors	Pulleys	Pumps
Valves	V Belts	Valves
Cylinders	Pipe	Cylinders
FRL's	Hoses	Controls
Tanks	Fittings	Tanks

Special 3 x 8 Cylinder $49.95

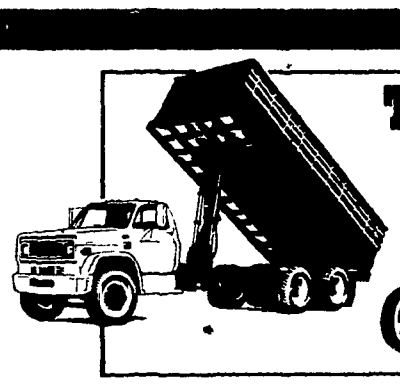
Welding & Machine Shop
BEILER HYDRA-MATICS
Rd 3, New Holland, PA 17557
717-656-7273
UPS Service

FARM EQUIPMENT

SPERRY NEW HOLLAND SPERRY NEW HOLLAND

M & R EQUIPMENT
New Park, PA
717-993-2511
Red Lion - 717-246-1972
Residence - 301-452-8693 after 6 PM

NEW HOLLAND SPECIALS!
(New) NH 474 haybine, $5500
(New) NH L-35 skid loader w/deluxe glass cab enclosure, 7' bucket.
Reg. $16,900 NOW $13,200
(No Trade)
Call for a Skid Loader Demonstration Today!
Waiver of Finance on all New NH Skid Loaders, Manure Spreaders & Grinder Mixers until 9-1-81
One Day UPS Service on NH Parts



Tough, Dependable Farm Bodies & Hoists
Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

MUELLER Milk Coolers®

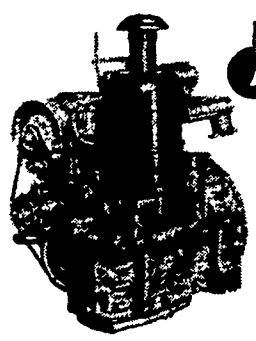
SHORT ON CASH? LEASE A TANK!

Superior Cooling, automatic washing, and free hot water are only three of the reasons you should put a Mueller HiPerForm Milk Cooler to work for you!

IF SPACE IS A PROBLEM...
in your milking parlor the Model 'OH' can be ordered for bulkheading A wall support channel and insulation for placing between the cooler and the channel will be provided at a nominal charge

USED 500 GAL. SUNSET

MWM murphy DIESELS
DIESEL ENGINES



Two Cylinder Model D 302-2 14 to 32 HP

D 327 Series Two Cylinder Model D327-2 20 to 36.5 HP Max.

For More Information Contact Your Authorized Mueller Dealer

Sult's Refrigeration Service
Off Rt. 340, 1 Mile East of Intercourse on Hatville Rd.
RD 1 Gordonville, PA 17529
★ 24 HOUR SERVICE
PH: 717-768-8555

BEFORE YOU BUY - CHECK OUR PRICES

CLIP THIS COUPON & MAIL TO
SULT'S REFRIGERATION SERVICE
RD 1, Gordonville, PA 17529
[ ] Send More Information [ ] Have Representative Call
Name_____
Address_____
City_____
State_____ Zip _____
Phone _____

DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #425 Loader 60" bucket, 1 only	$9975
NH #325 Loader 54" bucket, 1 only	$8375
NH #310 Engine Baler w/steel wheels, 2 only	$5790
NH 880W Pickup Head, will fit 880, 890 & 892 Harvesters, 1 only	$1550
NH #782 Harvester, 1000 RPM's, manual control, 2R head 1 only	$9240
NH 472 Haybine, 1 only	$4750
NH 456 Mower, 4 only	$1750
NH 489 Haybine, 2 only	$6285
NH 846 Baler (Demo), 1 only	$6625
MH 513 Spreader 11:00x20 tires, 1 only	$3150
NH 256 Rubber Rake, 1 only	$1620
NH 355 Grinder-Mixer, Heavy Duty PTO, 11L tires, 1 only	$5650
NH 353 Grinder-Mixer, Heavy Duty PTO, 11L tires, 1 only	$4995
NH 230 Wagon, 8 rims, standard tongue, 2 only	$620
NH #8 Crop Carrier, 234 wagon, (Demo), 1 only	$4310
Oswalt 1830 Ensilmixer, 1 only	$8350
Pittsburgh 10' Spring Harrow, 1 only	$695
Pittsburgh 10'6" Disk, ¼" blades, 1 only	$2600
Pittsburgh 12' Field Cultivator, 1 only	$1295

We are also renting a NH# 303 3200 Gallon Tank Spreader.

NEW SPECIAL
NH 1895 Self-Propelled HARVESTER, 4 Wheel Drive, Cab, Air, Heater, 3R Head & Pickup Head, 250 H.P. Cat Engine
$54,300.00

INTRODUCING NEW HUTCHFLEX DISKS BY HUTCHMASTER NOW IN STOCK CALL FOR DETAILS

FREE FINANCE ON

- NH Hay Equipment & Harvesting Equipment Till Oct. 1, 1981
- NH Box Spreaders, Skid Steer Loaders & Grinder-Mixers till Sept. 1, 1981

SPERRY NEW HOLLAND

JAMESWAY OSWALT ENSILMIXER DUNHAM

USED EQUIPMENT

NH 467 Haybine
NH 477 Haybine
NH 479 Haybine
Case 675 SP Haybine (Same as Hesston 320)
NH 512 Spreader
NH 518 Spreader, top beater
NH 268 Baler w/Thrower
NH 273 SS Baler w/54A Thrower
NH 717 Harvester, 1R Corn Head
NH 707 Harvester, w/1R Corn Head
NH 456 Mower w/Motor & Steel Wheels
NH 58 Thrower
NH 259 Rake, Rubber Tooth
NH #23 Blower
JD 9' Cultipacker
Gehl Fg. Box on Running Gear

DEPENDABLE IS MORE THAN OUR NAME

1034 Bale Wagon
1010 Bale Wagon
213 Spreader
206 Spreader
JD 1209 Haybine
Hesston 500 SP Haybine
(2) Taylorway Disc 10'5"
(1) Taylorway Disc
760 Chopper head 2-row
3200 IH Skid Loader
York Blade
Bush Hog Blade
NH Corn Head 1-row 770 new
438 Corn Head less att.
238 NH Tam Gear 12 ton w/11Lx15 tires
1469 Haybine
L Combine, 2 heads 438 15'
425 NH Loader-Husker
479 Haybine
Myer Snow Plow
Volk Snow Plow
990 9' IH Haybine, 1 steel, 1 rubber, pull type
PT10 Hesston
Gehl 600 Chopper 3 heads 2-30, 2-38 pickup
IH 555 Chopper 38" head, 2 heads
469 Haybine
717 Chopper 1-row

GRUMELLI FARM SERVICE
Quarryville
Phone
717-786-7318

FARM EQUIPMENT

HESSTON FARM EQUIPMENT
NEW IDEA

USED TRACTORS
Oliver 1955 w/cab
Ford 4500 Tractor/Loader/Backhoe
Ford 3000 Gas

USED COMBINES
(2) White 8600 diesel hydro, cab & air
AC Gleaner G w/13' Grain & 6R 30" C.H.

USED TILLAGE EQUIP.
Oliver 5 Btm. auto reset plow
Ford 241 12' Disk Harrow
Ford 4B Semi-Mtd Plow

PLANTERS
White 5400, 4 Row

MISCELLANEOUS
NI 325 Picker w/8 Roll Husk Bed
Ford 5' Rotary Cutter

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

FARM EQUIPMENT

case
USED EQUIPMENT

Case 1816 Skid Loader, Like New
NH 512 Spreader, real nice
NH 510 Spreader w/end gate $695
NH 518 Spreader w/end gate, real nice
NH 790 Spreader
NH 276 Hay Baler, Nice
2-NH #275 Balers w/throwers, good shape
NH 273 Baler w/thrower, real good
NH 1010 Auto Bale Loading Wagon
NH 1469 SP Haybine in good shape, $3100
NH 469, 477 & 479 Haybines

Paul Shover's Inc.
35 E. Willow Street
Carlisle, PA
717-243-2686

FARM EQUIPMENT

NH 320 Baler w/thrower, 2 yrs old excellent cond.
NI Cut/ditioner 9', 1 yr. old
3 Bale Wagons
40' NI Elevator
301-795-9631

FARM EQUIPMENT

For Sale - 55 John Deere Combine, 12 ft. grain head, excellent condition 301-329-6581

MF #12 Baler with thrower, excellent condition. Oliver 3 pt hitch 14" 3 bottom trip plows 717-799-5873

SPECIALS ON SPERRY NEW HOLLAND EQUIPMENT

1 - NH Model 892 (Demo) w/new factory warranty Forage Harvester complete with long tongue, electric controls, 880 windrow pickup and 822 corn head. $10,500

1 - NH Model 30 Blower (Demo) w/new factory warranty $1600.

1 - NH #8 Crop Carrier (Demo) w/new factory warranty w/extension sides and roof and NH Model 238 wagon w/12.5L tires $5500.

1 - New NH TR70 Hydrostatic Combine with 13 ft. grain table. Call for special low price and get $2500 rebate from Sperry New Holland in May only.

NEW HOLLAND

S.G. LEWIS & SON, INC.
R.D. 2 Box 66
West Grove, PA
215-869-2214

FARM EQUIPMENT

NH 268 Baler w/PTO Thrower $1850.
NH 268 Baler $1650
NH 845 Round Baler $4500.
MF 50 Tricycle $1850
MF 85 $2850
Ford 902 Tricycle w/Power Steering $1800
JD 1214 Mower Conditioner $3500

WENTZ FARM SUPPLY
Palm, Pa.
215-679-7164

FARM EQUIPMENT

For Sale - NH 55 mower w/engine and clutch reduction and tongue ready to go. Good shape. Samuel E. Stoltzfus, Rt. 7 Coatesville, Pa 19320 Chester Co.

For Sale - Used Diesel Generator complete with automatic controls. Phone 215-926-5062

John Deere - 331 Disc 24 ft 2 inch; John Deere 750 Grinder-Mixer with hay attachment. 301-275-2195

Lombardini Diesels Sales & Service

GAS & DIESEL ENGINE REPAIR GUARANTEED REPAIRS

1 Yr. Warranty

SPECIAL PRICES ON NEW DIESELS

Model L54 68 SAE hp. max.	$4150
Model 530 8 SAE hp. max	$695

GUARANTEED REBUILT DIESELS

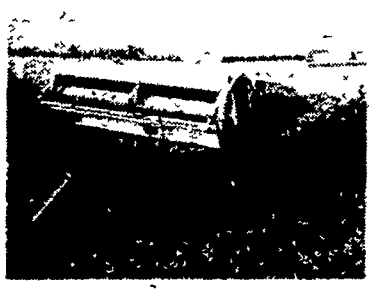
Model L54 68 SAE hp max	$3000
Model 914 33 SAE hp, max	$1950
With reduction gear	$2200
Model LDA 510 15 SAE hp. max	$850

BENUEL S. BEILER
242 Pennsy Rd.
New Providence, PA
17560

Used & Rebuilt Wisconsin Engines
In Stock
Will trade in your used engines

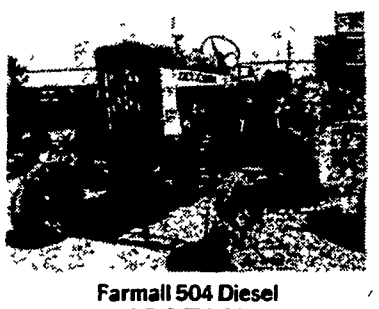
BARGAIN HUNTER SPECIALS

TRACK DOWN BIG BUYS ON USED EQUIPMENT

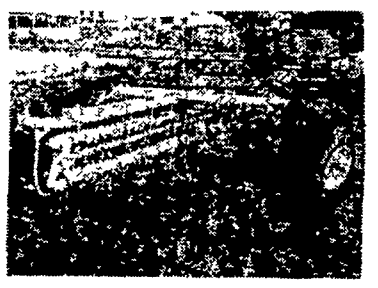


NH 467 - 7 Ft. Haybine
$2350.00

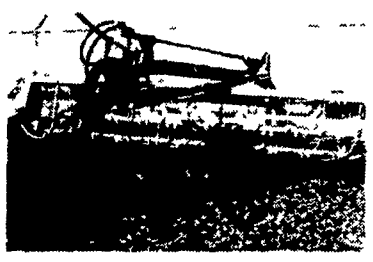
IH 56 - 4 Row Plate Planter with Fertilizer and Insecticide
$1350.00



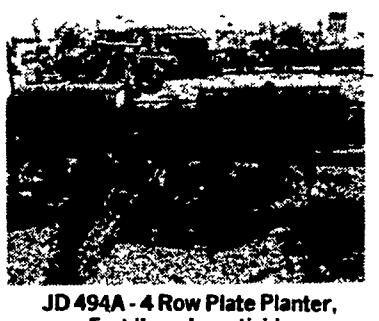
Farmall 504 Diesel
$2850.00



NH 260 RH, 9½ Ft. Rake
$1435.00



NH 258 Hydraulic Drive, 9½ Ft. Rake
$1795.00



JD 494A - 4 Row Plate Planter, Fertilizer, Insecticide
$1000.00

USED MOWERS

Triumph Hi-Way Mower	$1000
Mohawk 960 Rotary Mower	$1350
JD 25A Flail Mower, Like New	$1250
Bushhog 14' Rotary Cutter	$1800

USED SPREADERS

NI 213	$825
NI 212	$650
NH 512	$1350
NI 214	$1850
NH 510	$1575
NH 328	$800
NH 518	$1950
NI 213	$1800
JDN	$600

USED PLANTERS AND GRAIN DRILLS

JD 13x7 Grain Drill with Fert. & Grass Seed	$1000
IH 10 Grain Drill	$1250
JD 494 A - 4 Row, Plate w/fert. Insect. Seed Disk Openers	$1100
JD 494A - 4 Row Planter	$550
JD 2 Row Tool Bar Planter w/fertilizer	$550
IH 2 Row	$400

USED TILLAGE

JD 9' Spring Tooth Harrow	$450
Brillion LFM 9' Pulverizer	$375
Dunham 10' Packer	$600
JD 350 - 5 Bottom Hydraulic Reset Plow	$3250
JD 1600 - 1 2 ft. Chisel Plow	$1795
Wing Fold AC 18' Field Cultivator	$2250
JD 1630 - 11'7" Disk Harrow	$4250

USED HARVESTERS AND ATTACHMENTS

NH Super 717 with 2 Row 717R2 Corn Head	$2250
Fox 3000 Harvester	$1650
NH 1 Row 717 Corn Head	$775
NH 717 Harvester with 1 Row 717 R1 Corn Head	$1150
IH 55 Harvester w/2 Row Wide Corn Head	$1000
Fox 2 Row Narrow Corn Head	$375
NH 770 Snapper Head	$1350

USED MOWER CONDITIONERS

NH 479	$2795
NI 270 Cut Ditioner	$2450
NH 477 Haybine	$2675
Owatonna 275 Hydrostatic Windrower w/12' Auger, Crimper Pickup	$2950
Hesston PT 10 Mower Cond.	$1595

USED SKID STEER LOADERS AND BACKHOES

NH L 778 Gas	$7500
NH T330 Trencher	$2400

USED BALERS

NH 277 Baler	$3950
NH 68 Baler	$1250
JD 24T Engine Baler	$1995
JD 224T Baler	$2450
NH 68 Baler	$1550
NH 68 Baler	$1500
NH 268 Baler w/Thrower	$2400
NH 269 Baler w/Engine	$2650
NH 271 Baler w/Thrower	$1950
Gehl 1500A Round Baler	$4450
JD 14T PTO Baler w/Ejects	$1250
JD 346 Baler	$3650

USED CORN PICKERS

NI 323	$3000
NI 323	$2000
JD 237 Mounted	$800
NI 323	$2650
NI 324	$3250

USED TRACTORS

Massey 165D	$4850
Ford 901G	$3200
JD 1520G New Rubber	$4850
JD 4240 Tractor	$24,750

USED WAGONS AND GEAR

JD 216 with 1065 Gear	$3250

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JD 4430 Tractor
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JD 4020 Tractor Side Console w/Cab
JD 4020 Tractor, NF
JD 2640 Tractor w/loader
JD 2010 Tractor
JD 950 Tractor
JD 850 Tractor
IHC M Tractor
JD 1209 Mower Conditioner
JD 485 Mower Conditioner
JD 237 Corn Picker
JD 227 Corn Picker
JD 1240 4R Plateless Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
IHC 51 Corn Planter w/Liq. Fert.
JD RWA Disc
Athens Disc
JD B Plane 15 Disc Grain Drill
JD 15 Disc Van Brunt Grain Drill
JD 3800 Chopper w/2 row corn hd
JD 34 Chopper w/corn head
Woods C80 Pull Type Rotary Mower
JD 105 Combine w/platform and corn head
JD 7700 Combine w/platform and 6R corn head
JD 214 Baler w/thrower
JD 24T Baler w/ejector
JD 24T Baler w/ejector
NI 272 Cut/ditioner
NI 279 Cut/ditioner
JD 145 6B Plow
JD 1450 5B Plow

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$1400.00

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3,000 gal. liquid manure tank
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Forage Wagons
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Bedding Chopper for Mulching
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TRACTORS
Oliver 1850
Ferguson TO-30
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TILLAGE - PLANTING
White 543 No Til
White 5400 Planter
MM 4-16 HAR Semi Mtd Plow
Int. 249A 2-Row Planter

HAYTOOLS
NH 469 Haybine
NH 1469 Self Propelled Haybine
NH 68 Baler w/Thrower
NH 30 Ft. Elevator
Oliver 620 Baler w/Thrower
JD 24T Baler w/Thrower

FORAGE TOOLS
NH 880 R2-2-Row Head
NH 707 Harvester w/1-Row
NH Super 717 w/1-Row & Pickup
NH 717 Harvester w/1-Row
IHC 650 w/2-Row & Pickup
Gehl 300 w/1-Row & Pickup

CORN PICKERS & COMBINES
JD 227 Picker
IH 91 Combine with 10' Head

SPREADERS
NH 518 Spreader

NEW EQUIPMENT IN STOCK

WHITE
2-30 Two Wheel Drive
2-30 Four Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor
2-135 Tractor
WHITE
543 6R Planter No Till
5100 4R No Till
5100 6R No Till
WHITE 254 10'4" disc
WHITE 256 12 6 disc
WHITE 458 Chisel Plow
WHITE 466 Chisel Plow
N H L425 Loader
N H 310, 315 Balers
N H 256 - 258 Rakes
N H 707, 718, 782, 892 Harvesters
N H Spreaders - 513, 519, 679 & 800
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Bobcat 530, 641 & 743
Tye No Till Drill
Glenco 7' Soil Saver

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International 400 Series balers offer you more than just capacity With 4,800 lbs of force behind the plunger, you're assured of tightly packed, uniform bales that stand up to rough handling And they're also designed to give you easy servicing, to help you keep going when the crop is ready Your pick of three models

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Finance plans available.

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NEW EQUIPMENT SPECIALS

	List	SALE
IH 1190 9' mower conditioner	$7,016	$5,150
IH 120 forage box w/12 ton chassis	5,988	4,950
IH 56 forage blower	2,236	1,950
IH 435 baler w/thrower	7,733	6,350
IH 35 rake, 5 bar	2,196	1,850

USED HAY EQUIPMENT SPECIALS

IH 990 9' mower conditioner	2,650	2,350
NH 479 9' haybine	1,850	1,500
NH 469 9' haybine	1,950	1,800
NI 290 9' mower conditioner	1,650	1,350
IH 120 7' bal. hd. mower	650	550
IH 46 baler	1,150	1,000
IH 27 baler w/thrower	1,850	1,500
IH 37 baler w/thrower	1,950	1,800
IH 47 baler w/thrower	2,350	2,150
IH 420 baler w/thrower	2,150	1,850
IH 430 baler w/thrower	3,850	3,650
IH 15 hay rake, 5 bar	500	375
NI hay rake	450	325
Grove forage box w/chain conveyor	1,350	1,250
Van Dale forage box w/roof	1,350	1,250
NH 818 harvester w/2 R hd.	450	350

USED TRACTORS
IH F-544D w/3 pt WF
(2) IH F-350's w/2 pt
IH F-300 w/2 pt
(3) IH F-M (Any Price Range)

USED HARVESTING EQUIP.
IH 234 w/Sheller
IH 1 Pr 1R Picker
MF 82 Combine (SP)
MF 92 Combine (SP)
IH 76 Combine (Pull)

USED TILLAGE
IH 470 16' wing disc
IH 720 6 Furrow 18" plow, like new
IH 510 4F 16" Plow
IH 540 4F 16" Semi
IH 531 3F 14" MT.
MF 82 4F 14" 3 pt.
Dunham 10' Packer Mulcher

MANURE SPREADERS
IH 35
IH 175
IH 530
NI 201

USED PLANTING EQUIP.
IH 400 4R Planter
JD 494A 4R DD (New Hoppers)
JD 494 4R Shoe

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GOOD NEWS REBATES!

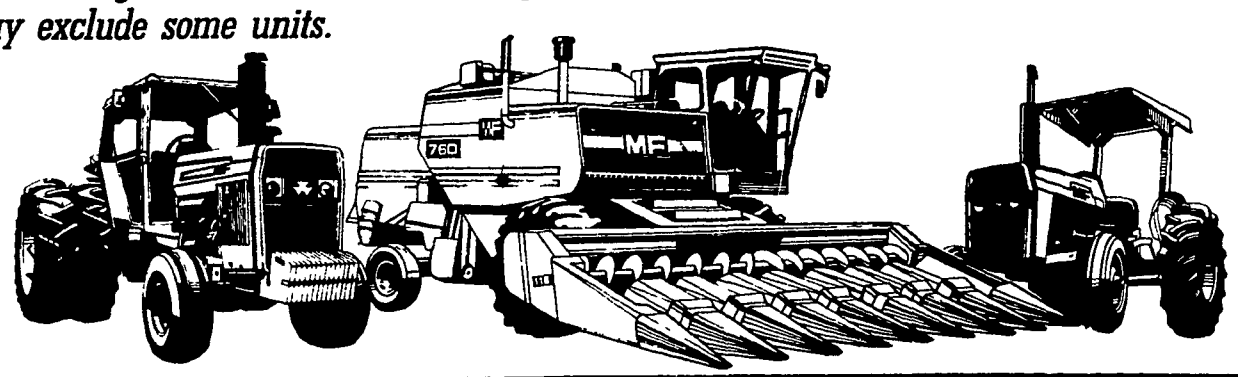
MACHINE	REBATE	OR WAIVER OF FINANCE CHARGES
TRACTORS (Horsepower*)		
MF 205/205-4 (20 eng hp)	$300	
MF 210/210-4 (25 eng hp)	$400	
MF 220/220-4 (31 eng hp	$500	
MF 230/245/154-4 (34, 42, 42, PTO hp)	$400	
MF 255/265/275/184-4 (52, 60, 67, 62 PTO hp)	$600	Until October 1 1981
MF 285 (81 PTO hp)	$800	
MF 2675/2705 (100, 120 PTO hp)	$1,300	
MF 2745/2775/2805 (140, 160, 190 PTO hp)	$1,700	
MF 4000/4840 (225, 265 eng hp)	$3,700	
MF 4000/4900 (320 375 eng hp)	$4,300	
*MFG. RATED HP		
INDUSTRIAL TRACTORS		
MF 20C/30B/40B/50C	$600	
TRACTOR LOADERS		
MF 20C/30B/40B/50C	$750	Until October 1 1981
BACKHOE LOADERS		
MF 30B/40B/50C	$950	
MF 60	$2,000	
		AND WAIVER OF FINANCE CHARGES
COMBINES		
MF 540/550	$4 000	Grain
MF 760/750	$4 000	Until August 1 1981
MF 751 PT	$1,500	Corn/Bean
MF 860/850	—	Until September 1 1981
		OR WAIVER OF FINANCE CHARGES
BALERS		
MF 1560	$350	
MF 1440	—	
MF 128/130	—	Until September 1 1981
MF 124/126	—	
MF 120	—	

This summer's top story is the big rebates from Massey-Ferguson — just when you need 'em most. Purchase one of the new MF models listed and you can get from $300 to $4,300 back from MF. And here's more news. Waiver of finance charges are also available when you finance with Massey. Today, that's good news.

Get the full scoop from us soon.

MF Massey Ferguson

Offers are good for a limited time only and may exclude some units.



SPRING SALE ON NEW & USED EQUIPMENT

DEMONSTRATOR TRACTORS

MF 2775 Cab	$29,000.00
MF 2745 Cab	$28,500.00
MF 285 M P	$16,500.00
MF 285 M P.	$16,500.00
MF 275 Orchard	$13,300.00
MF 255 M P Std .	$12,200.00
MF 255 M P Std	$12,200.00
MF 255 8 sp. Hi Cl	$11,900.00
(2) Industrial 20C Tractor Cabs	@ $1500.00

USED TRACTORS

MF 1155 8 sp.	$11,000.00
MF 1135 M.P. Less Cab .	$9500.00
MF 1085 w/Rollbar, 8 sp	$8200.00
MF 1080 M P., Engine O.H.	$6500.00
Farmall 460	$1700.00
Case 1370, Cab 1480	$14,000.00
Oliver 1600 Gas	$3500.00
MF 6 hp Riding Mower	$350.00
IH 107 Cadet Mower.	$800.00
MF 33 Wheel Loader	$9,000.00
NW 71 Skid Steer Loader	$8,000.00
MF 7 Tractor w/Mower 10 hp	$875.00

NEW COMBINES, GRAIN HEADS, CORN HEADS
Call For Special Prices & Rebates

MF 860 Combines (7)	Call
MF 850 Combine (2)	Call
MF 750 Combine	Call
MF 550 Combine (4)	Call
MF 540 Combine (2)	Call
MF 15' Grain Head (9)	Call
MF 16' Grain Head	Call
MF 18' Grain Head	Call
MF 13' Grain Head (6)	Call
Profiteer 14' P U. Reel (7)	@ $625.00
Profiteer 15' P U. Reel (3)	@ $650.00
MF 24 2 Row Corn Head (9)	@ $2350.00
MF 1143 Corn Head (4)	Call
MF 1144 Corn Head (7)	Call

USED COMBINES

MF 750 Hydro w/Grain & Corn	$65,000.00
MF 760 Hydro w/Grain & Corn	$48,500.00
MF 750 Hydro w/Grain Head	$29,000.00
MF 750 4 sp w/Grain Head	$26,000.00
MF 750 4 sp. w/Grain Head	$24,500.00
MF 750 Hydro w/Grain Head	$28,000.00
MF 750 w/Grain & Corn Head	$18,500.00
MF 760 6 cyl 4 sp Grain Head	$25,500.00
MF 760 cyl. 4 sp Grain Head	$19,500.00
MF 510 D 3 sp w/Grain Head.	2 @ $12,500 00
MF 510 QA w/Grain Head	$9500.00
MF 410 Diesel w/Grain Head	$5800.00
MF 410 gas w/Grain Head	$5700.00
MF 300 Gas, Grain & Corn	$9000.00
MF 410 Gas w/Grain, as is	$1500.00
MF 300 10' Grain, 2 Row Corn	$6500.00
MF 300 w/13' Grain	$3100.00
MF 30 w/2 Row Corn	$2500.00
White 7300 Gas, Grain & Corn	$17,500.00
JD 4400 Gas, Grain & Corn	$15,900.00
JD 45 Gas w/Grain Head	$1000.00
Gleaner CII Gas, Grain & Corn	$5900.00
IH 315 Gas, Grain & Corn	$7900.00
IH 303 Gas, 13' Head	$1790.00
IH 303 Gas, Grain & Corn	$3900.00
IH 141 Gas W/Grain	$2000.00
IH 91 10' w/Cab	$950.00
MH 80 sp 12'	$600.00
NI 710 Combine & Header Unit	$1500.00
JD PTO Corn Sheller	$275.00

WE SOLD 9 NEW COMBINES THIS WINTER WHICH GIVES US A VERY GOOD SELECTION OF USED COMBINES

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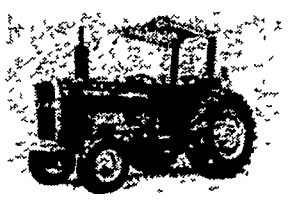

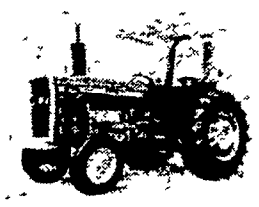

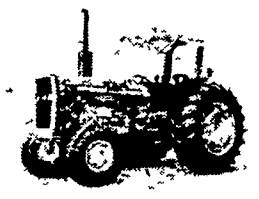

USED COMBINE GRAIN HEADS

MF 13' w/P.U. Reel	$2100.00
MF 14' w/Rice Reel	$3000.00
MF 14' P U. Reel (2)	$1900.00
MF 14' P U. Reel (2)	@ $1500.00
MF 14' Vari Speed	$1200.00
MF 14' To Fit 510	$500.00
MF 12' To Fit 410	$1200.00
MF 15' P U Reel, THC (2)	$2900.00
MF 15' Reg Reel	$1500.00
MF 16' P.U Reel, THC	$1500.00
Profiteer 13' Reel (7)	$100.00-$250.00
Profiteer 15' Reel (4)	$75.00-$250.00
Profiteer 16' Reel	$250.00

USED CORN HEADS

MF 63C 6 Row N To Profile (5)	@ $4000.00
MF 63C 6 Row N	$2500.00
MF 63C 6 Row N Reg (2)	@ $3500.00
MF 44 4 Row W (3)	@ $2500.00
MF 44 4 Row W Lo Profile	$2900.00
MF 44 4 Row W Belt Drive (4)	@ $2100.00
MF 44 4 Row W Lo Profile	$3500.00
MF 43 4 Row N Reg (5)	@ $2900.00
MF 33 3 Row N (2)	@ $2500.00
MF 24 2 Row W (2)	@ $500.00
MF 422 4 Row To Fit 510 (2)	@ $1200.00
MF 421 4 Row To Fit 410	$1200.00
MF 621 6 Row To Fit 510	$1200.00
MF 322 3 Row To Fit 410	$200.00
AC 435G 4 Row To Fit CII	$1500.00
IH 430 WM 4 Row To Fit 503	$500 00

USED PLOWS & TILLAGE

IH 550 5-16 Semi Plow	$1500.00
MF 880 4-16 Semi Plow	$3500.00
MM 6-16 Semi Reset Plow	$2350.00
MF 127 7 Tooth 2 Bar Chisel	$850.00
Case 36 Disc Harrow w/Harrow	$1550.00
Glenco 9 Tooth Soil Saver	$3700.00

NEW & DEMONSTRATOR HAY, FORAGE & PLANTING

MF 200 Harvester w/1 Row Head	$4400.00
MF 200 Harvester w/2 Row Head	$5600.00
MF 1 Row Corn Head for 200 (4)	@ $900.00
MF 260 Harvester w/2 Row Head	$6900.00
MF 260 Harvester w/Used Head, 2 Row	$6100.00
MF 124 Baler w/Wagon Chute	$4650.00
MF 22 Bale Thrower (2)	@ $1520.00
MF 925 Haybine 9'	$4900.00
MF 37 Pt Hay Rake	$1650.00
Farmhand F7 Hay Rakes (2)	@ $1995.00
Farmhand M25 Hay Rake.	$925.00
Fella F320 Tedder & Rake	$1500.00
Niemeyer Hay Tedder	$1525.00
Farmhand 3 pt Wheel Rake (2)	@ $650.00
MF 114 Forage Box on Gear	$3250.00
EZ 16' Forage Box w/12T Gear	$4200.00
Brady 722 6' Chopper	$2250.00
Mott 72" Flail Mower (2)	@ $1500.00
MF 41 7' 3 pt. Mower	$1450.00
Farmhand Corn Processor w/Conveyer (6)	@ $5450.00
MF 1050 Grinder Mixer (2)	@ $5700.00
Farmhand 880 Lab Grinder	$8500.00
MF 1560 Round Baler	$8975.00
MF 1440 Round Baler	$7100.00
MF 468 Corn Planter 6 Row	$2588.00

NEW & DEMONSTRATOR PLOWS & TILLAGE

MF 129 8 Tooth Chisel Plow	$1375.00
Dunham 8 Tooth Chisel Plow	$1600.00
MF 880 6-16 Semi Plow	$6100.00
Glenco 7 Tooth Soil Saver	$4400.00
Mf 43 3-16 Bottom Plow	$1275.00
MF 43 3-14 Plow	$1260.00
MF 43 2-14 Plow (2)	@ $1060.00
MF 620 12' Disc Harrow	$4250.00
MF 620 12' D.H w/Buster Bar	$4650.00
MF 730 Offset Harrow	$4950 00
Dunham 12' Cultimulcher	$4400.00
MF 25 3 pt Disc Harrow	$1175.00
Amco F17 - 32 Disc Harrow	$5200.00
Dunham 14' Cultipacker	$1175.00
Dunham 4R 38" Cultivator (2)	@ $1350.00
MF 428 4R Cultivator	$1250.00
MF 428 4R Rolling Cultivator	$1550.00
Pittsburg 2R 3 pt Cultivator	$470.00
Yetter 15' Rotary Hoe	$1850.00

NEW & DEMONSTRATOR MISC. EQUIP.

York BC 6' Scraper.	$230.00
York BC 7' Scraper (4)	@ $250.00
York BD 7' Scraper.	$500.00
York BD 8' Scraper (2)	@ $550.00
York BE 8' Scraper.	$850.00
York BH 100 8' Scraper	$975.00
MF 126 Scraper (3).	@ $460.00
MF 8 Ton Wagon Gear	$775.00
MF 10 Ton Wagon Gear, 11L Tires	$900.00
MF 12 Ton Tandem Gear w/Tires	$1525.00
MF 5 Ton 5th Wheel Gear.	$300.00
EZ 1074 10 Ton Gear (2)	@ $1050.00
EZ 872W 8 Ton Gear (4)	@ $830.00
EZ 672 6 Ton Gear (6)	@ $675.00
EZ 220 Gravity Box 170 Bu (4)	@ $530.00
EZ 300 Gravity Box 225 Bu	$905.00
MF 236 QA Loader	$2495.00
MF 32A End Loader	$3100.00
Dunham 22 Loader (3)	$2550.00
Dunham 2 Loader	$2250.00
Danuser Post Hole Digger	$875.00
Little Giant Corn Drag	$780.00
MF 205 Manure Spreader	$2850.00

USED MISC. EQUIP.

Fontana Loader	$1200.00
3 pt Snow Blower	$600.00
Fert Drill	$125.00

USED HAY, FORAGE & PLANTING

Fox Harvester 2 Row & Hay	$1000.00
MF 1050 Grinder Mixer	$4850.00
MF 124 Baler	$2400.00
MF 560 Round Baler	$4700.00
MF 37 5 Bar Rake	$1400.00
Brady 722 Chopper	$1200.00
Brady 1680 Chopper	$2900.00
Hesston 10 Stacker	$3750.00
MF 24 16' Forage Wagon	$1400.00
JD Grinder Mixer	$2150.00
NI 315 Mtd Picker Sheller	$1800.00
MF 37 Pt Hay Rake	$1400.00

M.M. WEAVER & SONS, INC.

LEOLA, PA. 17540 717-656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

WANTED
Hi-Boy Sprayer

R/K AGRI SERVICE
Lancaster, PA
717-299-2541

Ford Tractors Equipment

SPERRY NEW HOLLAND

TRACTORS
Ford 8600 Dsl.
(2) Ford 8000 Dsl. 1 w/turbo
Ford 5600 Dsl., low hours
Ford 860 Gas
Ford 800 Select-O-Speed
Ford TW30 w/450 hrs.
Ford 9N
Farmall 300
Farmall C w/Plow & Cultv.
(3) Ford 8N's
Farmall Cub Power Unit
2 cylinder Wis. Engine

EQUIPMENT
JD 20' Field Cult. w/3 Pt. Hitch
Ford 309 2R Corn Planter
NH 9' 450 Mower
NH 1495 SP Haybine
NH 469 Haybine
Repossessed NH 320 Baler with thrower, 1 yr. old
NH 281 Baler w/thrower
Ford 532 Baler w/thrower
NH 269 Baler w/thrower
Good Selection Used Hay Rakes
Lawn & Garden Tractors w/Mowers

ALL WOODS BROS. FORD & NEW HOLLAND OBSOLETE PARTS 50% OFF

CHARLES S. SNYDER INC.
RD 3 Tamaqua, PA 18252
Phone: 717-386-5945

FLAT BELTING
Drive belts and conveyor belts
Papec Silo filler parts & repairs
McCormick and JD corn binder Gathering chains

RED HILL REPAIR SHOP
Rd 2 box 291
Narvon, PA 17555
Lancaster Co.
Leon F. Ebersol - Prop.
Send addressed envelope for belt prices or send $1 for samples and prices. We ship U.P.S. or Motor Freight

---

MF Massey Ferguson

TRACTORS & EQUIPMENT

IH 2400 Dsl Tractor w/Loader
IH 460 Tractor
IH 340 Farmall Tractor
IH 300 Farmall Tractor
IH 684 Tractor
MF 3165 Tractor w/Loader & Cab
MF 203D Tractor w/Loader
MF 1085 Tractor
MF 135 Tractor
MF 40 Dsl Tractor and Loader
MF 35 Tractor
Ford 8N Tractor w/Loader
Yazoo Model YR 48 Mower
Hesston Model 320 Mower Conditioner
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
Hesston #10 Stacker
NH 1033 Bale Wagon
MF 760 Combine w/Grain Table and 63C Cornhead
MH 35 Combine
IH 915 Combine
Brillion 12' field cultivator
NH 510 Manure Spreader
NI 213 Manure Spreader

NEW M.F. EQUIPMENT

MF 1085 Demo Tractor
MF 275 Tractor
MF 245 Tractor
MF 265 Tractor
MF 285 Demo Tractor
MF 285 Tractor
MF 230 Diesel Tractor
MF 230 Turf Tractor
MF 220 Tractor
MF 210 Dsl Tractor
(2) MF 205 Diesel Tractor
MF 30B Tractor w/Loader & Cab
MF 30B Tractor w/Loader
MF 20C Tractor w/Cab & Loader
(2) MF 124 Baler
MF 246 Loader
(2) MF 216 Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 520 Disc Harrow 12'
MF 520 Disc Harrow 14
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 218 Rotary Cutter

S.G. LEWIS & SON, INC.
R.D. 2 Box 66 West Grove, PA
215-869-2214

NEW LEADER Lime & Fertilizer Spreaders
HI-WAY Cinder Spreaders - All Types
FRINK & VALK Snow Plows

ANVILLE BODY CO.
P.O. Box 217, R.D. #3
Annville, Pa. 17003
Phone 717-867-4631

NEW EQUIPMENT

TRACTORS
JD 750 M.F. W.D.
JD 850
JD 950
JD 1050
JD 2240
JD 4240 w/SG & QR

COMBINES & HEADS
JD 643 Head
JD 6620 Combine
JD 7720 Combine

TILLAGE EQUIPMENT
JD 210 11' 5" Disc
JD 215 11'5" & 12'10" Discs
JD 950 12' Harrow
JD 415 (SOLD) Hoe
JD RM4 cultivator

FORAGE EQUIPMENT
JD 3940 Fg. Harvester
NH 782 w/822 Head
NH 8 Forage Box
NH 28 Blower

HAY TOOLS
JD 1209 Mower Cond.
JD 660, 670 Rakes
NH 474 & 489 Haybines
NH 258 Rakes
NH 256 Rakes
Thrower for 320
Matthews 9E Rotary Scythe
H & H 18' Bale Bodies
NH 1037 Bale Wagon
JD 347 Wire Baler

OTHER EQUIPMENT
JD 146, 148, Loaders
JD 506 Mower
JD 965, 1065 Wagons
JD 45, 78, Blades
JD 392 Spreader
NH 513, SOLD & 679 Spreaders
NH 14, 230, 234 Wagons
Century 300 & 500 gal. Sprayers

USED HAY TOOLS
2 - NH 275 Balers w/throwers
NH 270 Baler w/chute
JD 24T Baler w/chute
Gehl 600 Forage Harvester w/pickup and 2 row wide corn head
NH 717 Forage Harvester w/pickup
NH 479 Haybine
NH 990 Mower Conditioner
AC 390 Mower Conditioner

USED NH 1495 HAYBINE, FULL CAB, $14,000

SPERRY NEW HOLLAND
FREE FINANCING ON SOME ITEMS
I. G. SALES
JOHN DEERE
DeLAVAL JAMESWAY
Silverdale, PA 18962
215-257-5135
Quonset Buildings

SPERRY NEW HOLLAND

RINGTOWN FARM EQUIPMENT, INC.
RD 1, Ringtown, PA
717-889-3184

SPRING BUYER SPECIALS
NH 315T baler, $5550
NH model 80 bale mover, hyd., $525
NH L325 skid steer loader, demo unit
NH L445 skid steer loader, demo unit
NH 256 rake

FREE FINANCE ON:
NH Hay Equipment till Oct. 1, 1981
NH Box Spreaders, Grinder Mixers & SKID STEER LOADERS till Sept. 1, 1981

USED EQUIPMENT
NI 299 mowditioner, 9'
NH 7' sickle bar mower, mtd.
1500 Schwartz loader, 4420 lbs
Oliver grain drill
Myers 500 gal. row crop sprayer
Haines 2-row stone picker
Howard rototiller, 100"
12' bulk body
Holland 4-row transplanter
IH 2001 manure loader
IH 710 4 btm. plow, auto. reset
IH 12' Vibra Shank
IH 4 btm. plow, semi-mt.
IH 3 btm. plow, fast hitch
856 D
806 D
656 G
3414 tractor loader
Super A
Farmall 450
Farmall M
1650 Oliver, gas

COMING SOON-GRAND OPENING SALE IN OUR NEW BUILDING

MF Massey Ferguson
FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors
MF 2675, 24 speed, cab
MF 205-4 diesel
MF 285
MF 1080 diesel
MF 1150 w/cab
MF 1150 w/duals
MF 1100 w/cab, low hrs.
(2) Farmall 450 Diesels

Forage Harvesters
Field Queen side dump

Combines
JD 55 diesel, cab, 3-row
JD 45 cab, 2 row
MF 300, cab, 3-row

Hay
Hesston PT7
Hesston PT10
Hesston 1014 - 10'
Hesston SP6400, cab
Hesston SP6600, cab

Tillage
Moore no till drill
10' Bearcat pulvimulcher

Spreaders
NH 519 w/hyd. gate
Gehl 250
(2) Starline 180 bu.
Hawk Bilt 150 bu.
NI flail

Miscellaneous
Gehl 120 Mixall
Shaver 12" post hole digger
Shaver post driver
300 gal. Walsh Sprayer

Harvesting
NI 318 grinder unit
NI 2-row Super sheller, new
NI 314 sheller
NI 2-row picker, 8 roll
Oliver 1-row picker
M.C. grain dryer

Longenecker's, Inc.
At Clappertown Williamsburg, PA
814-793-3731

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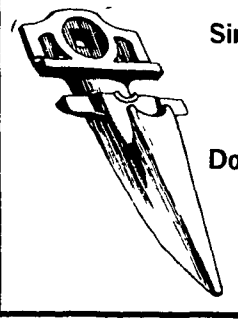
WILL SHIP SAME DAY VIA UPS - PPSH - BUS - AIR FREIGHT - ETC.

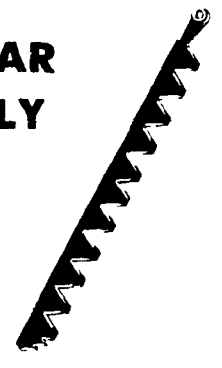
CLEAN-CUT BARGAINS...
Save Up To
20% on International Cutting Parts!

CUTTERBAR GUARDS

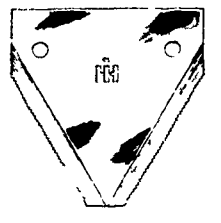


Single Guard - 48400 R11
List $4.34
SALE $3.40
Double Guard - 483500R3
List $7.19
SALE $5.75

CUTTERBAR ASSEMBLY
7 ft.
MA 22837
462380R92
List $69.50
SALE
$55.95



HEAVY DUTY KNIFE SECTION



Serrated Edge
M22831
List 51¢
SALE
39¢

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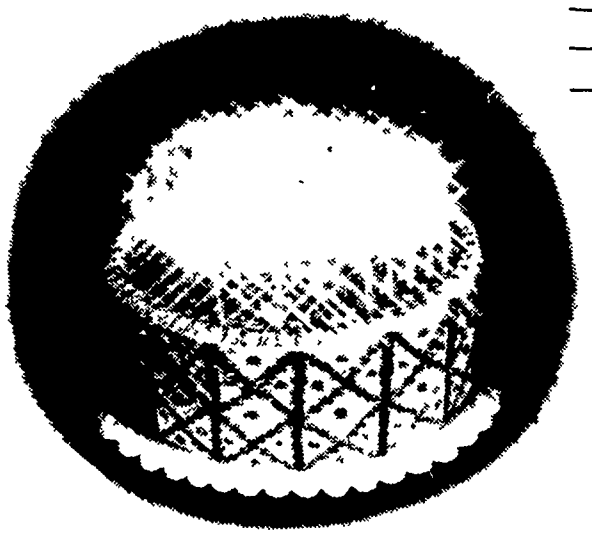
INTERCOURSE, PA 717-768-8231

United Parcel Service

★ CALL US - WE PROBABLY HAVE IT ★ WILL SHIP SAME DAY VIA UPS-PPSH-BUS-AIR FREIGHT-ETC.

BIRTHDAY SALE

EVERYTHING OVER ONE YEAR OLD *WILL* BE SOLD... EVERY ITEM WILL BE SPECIALLY PRICED ON WHITE TAGS.



After a busy Spring selling season, we find that we have been too busy selling to keep a watchful eye on all of our inventories. As a result, some of our tractors and machines have had BIRTHDAYS. Under current economic conditions we would rather sell these goods at Special Low Prices rather than carry the inventory 'til next year. So come on in and shop for bargains...

TRY US.
MAKE AN OFFER!!!

NEW EQUIPMENT

A3455 IH, 4140D Loader
A4962 IH 184 LoBoy
A5063 IH 84 Hydro Tractor
B3280 Toreq Backhoe
B4438 IH 2200 Loader
B4442 IH 2250 Loader
B4477 IH 2250 Loader
B5035 IH 2350 Loader
C4383 IH 450 Plow, 3F, Mounted, Automatic
C4647 IH 5507 Chisel Plow, 11 Shank, Mounted
C4649 IH 5513 Chisel Plow, 13 Shank, Mounted
C5280 IH 720 Plow 6F, 18" On Land
C5282 IH 720 Plow 5F, 18" Furrow
C5283 IH 720 Plow 5F, 18" Furrow
D9799 IH 55 Chisel Plow, 11 Shank, 2 Rank
E5211 IH End Transport (6200 Drill)
E5212 IH End Transport (6200 Drill)
E5290 IH 295 Planter Units
F2382 IH 435 Baler
F4861 IH 830 Harvester
F1993 IH 3 Row Row Crop, 830
F4866 IH 3 Row Row Crop, 830
F5005 IH 1190 Mower Conditioner
F5006 IH 1190 Mower Conditioner
F5007 IH 1190 Mower Conditioner

ALL NEW EQUIPMENT SOLD WITH FACTORY WARRANTY

F500B IH 1190 Mower Conditioner
F5009 IH 1190 Mower Conditioner
F5251 IH 130 Forage Box
G2108 IH 810 Platform, 13 Ft. w/o Reel
G3159 IH 810 Platform, 15 Ft. (Used)
G3824 IH 820 Platform, 15 Ft. (Used)
H4997 IH 1250 Grinder Mixer
Q2495 FMC D003-20 Spartan
Q2496 FMC D003-20 Spartan

ALL NEW EQUIPMENT AT 1980 or OLDER PRICES.

Q2497 FMC D003-20 Spartan
Q2498 FMC D003-30 Spartan
Q2632 Kuker PT200P 8 RNA Sprayer
Q4426 FMC D010E 300S Sprayer
Q4785 Kuker SML Y200P Sprayer w/Pump
Q4794 Kuker SML Y260P Sprayer

ALL PRICES AT OUR LOT. DELIVERY NEGOTIABLE.

Q4796 Kuker SML Y260P Sprayer
Q5158 FMC 25 RC Sprayer
R3294 Tebbins Subsoiler, 5 Shank

NEW EQUIPMENT

R3474 Meyer Snow Plow
R4052 Balzer Model 440 Spreader
R4333 Lely HR Broadcaster
R4620 Brillion 6' Grass Seeder
R4624 Landoll 15 Tooth Chisel
R4626 Landoll 15 Tooth Chisel
R4867 Farmaid 200 Bushel Mixer Wagon
R4975 Glencoe Model SFH203B Soil-Finisher
S2769 Dunham-Lehr, 22 Loader
S2777 Dunham-Lehr 2 Loader

MANY ITEMS HAVE FACTORY REBATES — ASK ABOUT IT

S3617 Woods Model 59LB Mower (On 184)
S3810 Grimm "C" Tedder
S4196 Servis Flex S15 Mower
S4500 Servis RS8 Mower

SPECIAL PRICES ON MANY OTHER STOCK ITEMS — TRACTORS TO LAWN MOWERS

S4811 Dunham-Lehr 41 Cultimulcher 12'4"
S4919 Dunham-Lehr Cultivator - 4R Wide
S4878 Dunham - Lehr Cultipacker - 42319
S5312 Dunham - Lehr Ultra Mulcher - 25'

ALL LAWNBOY LAWN MOWERS ON SALE SELF-PROPELLED, BAGGERS, PUSH MODELS — IN STOCK

USED EQUIPMENT

T1318 FMC 40RC Sprayer/Truck
T4544 Deere 330 Disc Harow, 25'
T4848 Glencoe Soilsaver
T4969 Miller 12' Offset Disc
T5001 Allis Chalmers Disc, 16'
T5135 Bushog 1445 Disc, 25'
T9903 Deere 1300 Planter - 4 Row
U1259 IH 72" Pickup, 650 Harvester
U1999 Neco Grain Saver, 915 Combine
U2060 Gehl Blower, Model FB-88
U2319 IH 650 Harvester, Direct Throw
U2320 IH 2 Row Row Crop

ALL USED EQUIPMENT BACKED BY HOOBER'S PARTS AND SERVICE

U3641 AC 444 Cornhead, Gleaner GKS
U3961 IH 16 Harvester w/1 Row Head (Parts)
U4039 Deere, 15' Platform, 95
U4144 IH Row Crop, 2 Row Wide
U4147 IH 744 Cornhead, 815
U4148 IH 815 Combine
U4149 IH Grain Platform
U4174 IH 3 Row Row Crop, 830 Harvester
U4221 NH Cornhead, 4 Row
U4258 IH 844 Cornhead, 4R Wide
U4260 IH 13' Platform, 815 (Old Style)

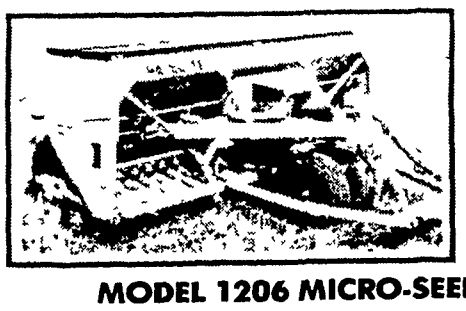
MANY USED ITEMS WERE RECONDITIONED IN OUR SHOP. ASK ABOUT IT.

U4263 IH 990 Mower Conditioner - 9'
U4368 Deere, 13' Platform, 6600
U4405 IH 650 Harvester
U4516 IH 72" Pickup, 650 Harvester
U4638 IH 810 Grain Head 13'
U4639 IH 810 Grain Head
U4823 Deere, 440 Combine, 1977
U4824 Deere, 213 Flex Head (Completely Rebuilt)
U4877 Gleaner, GKS Combine w/6 Row Cornhead & Platform

WAIVER OF FINANCE - USED COMBINES - 9-1-81

U4897 IH 2 Row Row Crop - Wide - 650 Harvester
U4956 Deere, 444 Cornhead, 4400
U5360 Deere 65 Blower
U9493 IH 744 Cornhead (Parts)
U9508 IH 8 Flail Chopper
V2240 IH 400 Planter, 4 Row
V2414 Deere 494 Planter, 4 Row
V3288 IH 400 Planter, 8 Row
V3579 Walsh, T200 Sprayer
V5080 Deere Model B Drill, 20x7
V5221 IH #10 Drill 18x7
W4307 IH Farmall 400 Gas w/Loader
W5163 IH 706D Tractor

HAYBUSTER NO-TILL DRILL



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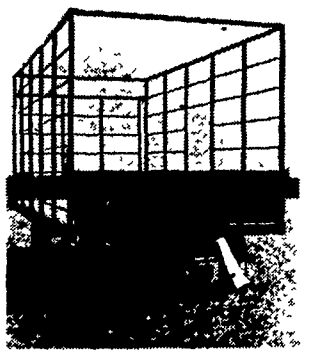
MODEL 1206 MICRO-SEEDER CAN ALSO BE USED FOR MINIMUM OR CONVENTIONAL TILLAGE

★ Also Available in Semi-Mount Design

CALL FOR INFORMATION

RUGGED STEEL BALE WAGONS

- 18' or 21' long
- 8' wide inside
- 8' high
- Fold down front gate w/diamond plate platform
- Swing-out tailgate
- 8 ton gear w/ extendable tongue
- New 9 5Lx15 tires



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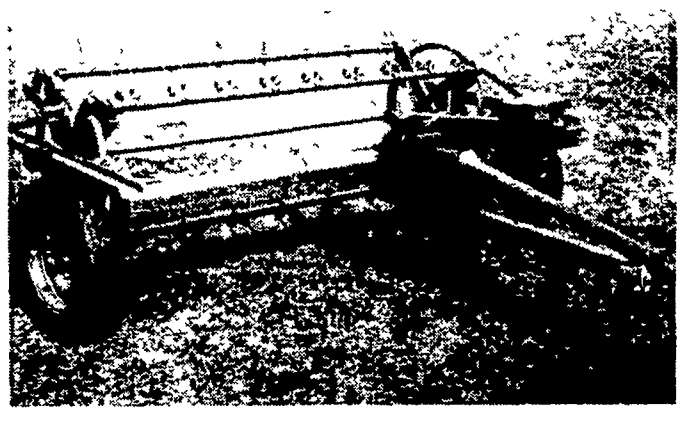
In 717 & 215
Call Toll Free For Price: 800-732-0017



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Make Quality Hay BETTER and FASTER
Available With Rubber Teeth

PTO Driven $1275 Ground Driven $1225

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C.B. HOOBER & SON INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

master charge VISA

MF 85 Tractor $2350
JD 3 B 16" Plow
IHC #55 Forage
Harvester w/pickup
& corn head
SHOVER'S
Loysville, PA
717-789-3117

USED EQUIPMENT

TRACTORS
- Case 930 Tractor "CK"
- Case 430
- Case 350 Crawler Dozer (New)
- David Brown 990 w. Loader
- White 2-105 Tractor
- Oliver Super 77
- Oliver 1655 Tractor
- AC 175D Tractor

LOADERS
- Case 1537 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer

TILLAGE
- Case Disc Harrow, 10'
- MF 12 Ft. Spring Tooth Harrow
- Oliver 2 Bot. Trailer Plows
- JD 10' Cultipacker
- Used Cultipacker
- Brady Chisel Plow

HARVESTING EQUIPMENT
- Gehl 600 Harvester, 2 Row Cornhead and Pickup Head
- NI Unisystem 701 Tractor
- NI Unisystem 705 Tractor
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 727 Husking Bed
- NI 323 1-Row Cornpicker
- NI 310 1-Row Cornpicker
- Int Mtd Picker, 2 Row
- MF No 61 1-Row Picker
- JD No 25 Harvester
- Case 300 Harvester
- Case V-12 Shredder
- N I 2 Row Narrow Pull Picker
- Hesston 2000-100 Harvester
- NI Forage Blower
- MF Chopper
- MC Chopper
- JD Chopper

HAY EQUIPMENT
- NH 469 Windrower
- Hesston 1014 12' Windrower
- Hesston PT 10
- Dump Rake
- Side Delivery Rake With Steel Wheels
- New Idea Trailer Mower
- 3 pt Hookup Mower
- Bale Thrower Wagon
- JD Hay Rake
- NI 404 Wheel Rake
- NH Rake

MISCELLANEOUS
- Ford 4-Row Corn Planter
- Ford 4-Row 311 Cornplanter
- JD 2-Row Planter
- JD 494 Corn Planter 4-row
- IH 400 Corn Planter, 8 Row
- 10 Used Spreaders
- 3000 Gal Husky Tank Spreader
- NI 224 10-ton Spreader
- Potato Grader
- NH #354 Grinder Mixer

NEW IDEA

SPECIAL!
• Good Prices on New NI Spreaders

case.

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

BIG REBATES

Effective May 11 to July 31, 1981...

TRACTOR MODELS	IH RED POWER $	CASH REBATES
986 1086	4 500	3 000
1486 1586	6 000	4 000
3388 3788	7 500	5 000
3588 4388 4788 4588	10 000	7 000

COMBINES Or Choice Waiver to 9-1-81		
1440 1460 1480	5 000	3 500

IMPLEMENTS	IH RED POWER $	CASH REBATES
GRINDER MIXERS	650	450
MANURE SPREADERS	450	300
RAKES & MOWERS & BALERS	200	140
MOWER CONDITIONERS	750	500
FORAGE HARVESTERS	1320	925

TRACTOR SPECIALS...

IH 1086 Diesel, Cab & Air, 24 5x32 10 Ply Tires
Fully Equipped With SOLD & Rear Weights
Rental Unit, 416 Hours,
Current List $42,750 SALE $26,470

IH 1086 Diesel, Cab & Air, 24 5x32 Radials, Fully Equipped With Front & Rear Weights,
Current List $43,383 84 SALE ~~$32,500~~

• With $3,000 Rebate...Your Cost..... $29,500!

IH 186 Diesel Hydro, Cab & Air, 18 4x38 Radials, Fully Equipped With Front & Rear Weights,
List $40,937 SALE $31,750

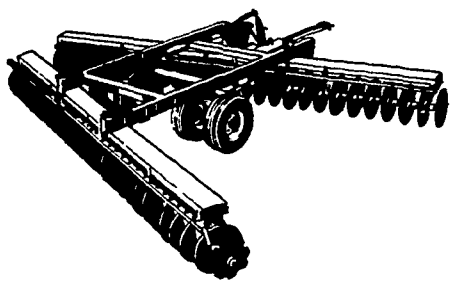
86 Diesel Hydro, With ROPS, 2nd Valve,
Current List $24,687 SALE $19,900

SPECIAL...
Preferred Customer Rebate on 1420 Combine
$7,000
Call For Details

- 4586 Diesel, 4 Wheel Drive - Old Price!
- 3788 Diesel 2+2
- 986 Diesel • 584, 684 Tractors

* IH Red Power $ Certificates may be redeemed by the customer only at the selling IH Dealer on the purchase of additional new IH equipment or parts by December 31, 1981.

TILLAGE:
735 Vari-Width Plow, 5 Bottom
730 Vari-Width Plow, 5 Bottom
720 4-Bottom Plow
440 4-Bottom Plow
145 3 & 4-Bottom 18" Rollover, Auto. Reset
420 2-B SOLD Plow
596 Disc Harrow, 22'5" (13,500 lbs.)
496 Disc Harrow, 19'1", 9" Spacing (New Model)
501 Disc Harrow, 12'5" - Old Price!
315 Packer Mulcher, 20' Folding, Old Price!
415 Packer Mulcher, 13', 12' & 10'
6013 13' Consertill
5513 13' 3 Pt. Chisel (1 left)
No. 14 5-Shank Auto-Reset Sub Soiler
4500 Field Cult., 12' to 21' Folding



Early Riser Planters
Faster, earlier planting... early rising crops.

PLANTING EQUIPMENT:
★ 5100 Grain Drill, 24x6 with Ga. Wheels
★ 800 Early Riser Planters, 4-Row Plate & Air

CULTIVATORS
★ 183 4-Row Wide Vibra Shank Cultivator
★ 183 6-Row Narrow Vibra Shank Cultivator

SPRAYING EQUIPMENT:
400 Gal. Stainless Steel John Blue Trailing Sprayer
300 Gal. Poly Tank John Blue Trailing Sprayer
John Blue 4-Ton Trailing Spreader with Hyd. Brakes - $3525!

MISCELLANEOUS:
(2) IH 50 Shredders - Old Price!
IH 56 Blower - Old Price!
35 Hyd. Rake - Old Price!
2250, 2350 & 2450 Loaders
1350 Grinder Mixer
530, 540, 550, 560 & 575 spreaders

CASH PRICES ON IH BALER TWINE!

IH 7200 Sisal..... $27 Per Bale
IH 9000 Sisal..... $28 Per Bale
IH 7200 Plastic..... $21 Per Bale
IH 9000 Plastic..... $19.95 Per Bale
• 10 Bales or More — Less 50¢ Per Bale!

PARTSMART

GET MOWER FOR YOUR MONEY!

Here's a super-sharp deal for you Right now, we have special low prices on quality International Harvester mowing parts You'll save up to 20% off regular IH suggested list prices on guards and sections And you'll make big savings on ledger plates, cutterbars — everything you need for crisp, clean cutting and schedule-beating performance Come in stock up Get set to mow and put a slice of the saving action in your pocket at the same time

STOCK UP NOW AND SAVE!

• UPS Service Available

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New Berlinville, PA. 19545

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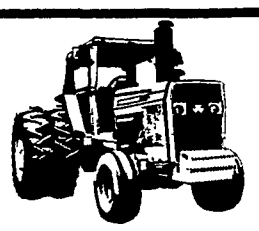


MF Massey Ferguson

ELIGIBLE NEW EQUIPMENT IN STOCK

INQUIRE ABOUT SPECIAL LOW FINANCING

Offer Ends July 31

Tractors	Rebate Or	Waiver of Finance
MF 245 Dsl. Tractor, 8 speed	$400	Until Oct. 1
MF 255 Dsl. Tractor, 8 speed	600	Until Oct. 1
MF 255 Dsl Tractor, 8 speed	600	Until Oct. 1
MF 265 Dsl. Tractor, MP	600	Until Oct. 1
MF 154/4 Dsl. Tractor,	400	Until Oct. 1
MF 184/4 Dsl. Tractor	600	until Oct. 1
MF 850 & 860 Combine	—	
Grain Combine	—	Until Aug. 1
Corn Combne	—	Until Sept. 1
MF 120 & 124 Balers	—	Until Sept. 1

ELIGIBLE USED EQUIPMENT

MF 540, 750, 760 Combines	—	Until Sept. 1

ADDITIONAL NEW EQUIPMENT IN STOCK

MF 22 Bale Thrower
MF 25 Rake
MF 520 Disc
MF 43 Plow
MF 129 Chisel Plow, Mounted
MF 129 Chisel Plow, Pull Type
MF 640 Planter
MF 33 Grain & Fertilizer Drill
McConnell 16 ft. Transport Harrow
McConnell 16 ft. Cart Type Harrow
McConnell 20 ft. Transport Harrow
Glencoe Soil Saver
Rakes
Mower Conditioners
Forage Harvesters
Balers
Throwers
Haybuster, no till drill
Beaver III Deisel Tractor

USED EQUIPMENT

(2) - MF 135 Gas Tractor
DB 1200 Deisel Tractor
Bobcat Melrose 700 Skid Loader
NH L 775 Skid Loader
NH Balers
NH Haybines
NH L35 Skid Loader
Mathews Chopper

ABRACZINSKAS
Farm Equipment, Inc.
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

CULTIVATORS
(2) MH 1X
(2) JD 1X
(4) JD 2X
(2) JD 4X
(13) IH 1X
(4) IH 2X
(2) IH 4X
(5) AC 1X
(5) AC 2X
Ford 2X

NI UNI SYSTEMS
702 Tractor
(2) 701 Tractor
727 Husking Bed
(4) 2x40 Cornhead
(6) 3x30 Cornhead
(3) Combine
(2) Grainhead
4x30 Cornhead
(2) Chopper
(2) 3x30 Chopper Head
(4) Pickup Head
High Moisture Throat
(2) 2x40 Chopper Head
(3) 3x40 Corn Head

HARVESTER HEADS
(2) NH 880 2x30
NH 880 2x40
NH 880 3x30
NH 818 PU
(3) NH 717 2x30
(2)NH 717 PU
(3) NH 717 Sickle
(3) NH 616 PU
(2) NH 616 Sickle
(2) JD 34-38 1X Corn
(2) JD 34-38 2x30 Corn
(7) JD 34-38 PU
(6) JD 34-38 Sickle
(2) IH 550 2x30 Corn
(7) IH 550 PU
(7) IH 350 - 550 Sickle
(7) IH 350 PU
Hesston 2x30 Corn
(4) Gehl 2x30 Corn
(10) Gehl PU
Gehl Sickle
(2) Fox Sickle
(5) Fox PU
AC 720 2x30 Corn
(3) AC 720 PU
(2) AC 780 PU
(3) Hesston PU
(2) Fox 2x30 Corn
Fox 1X Corn
Fox 4x20 Corn
(2) Case PU
Fox 3x30 Snapper
Fox 3x36 Corn

WENGER'S INC.
TRACTOR WHOLESALERS
S Race St., Myerstown, PA 17067

Days 717-866-2135
Nights: 717-866-7147
Nights: 717-866-7147
Or: 717-273-9098

LONG

WENGER'S INC.

TRACTOR WHOLESALERS

LONG

SOUTH RACE STREET
MYERSTOWN, PA 17067

DAYS: 717-866-2135
PHONE: NIGHTS: 717-866-7147
OR: 717-273-9089

ON STOCK: 1000 USED TRACTORS IN OUR SALVAGE YARD FOR PARTS - Best Selection Anywhere!

REASONABLE PRICES FROM THE TRACTOR WHOLESALERS

ALLIS CHALMERS
220D $6900
190XTD $4800
170D $5700
WD $1200
D12. . . . . $2000
C w/Rotary Mower . . . $1500
B $1200
B w/Mower . . . $700
G $1500

FORD
7000D - Cab. . $7900
5200D $4950
(2) 4000 D . . . . . $2250 - $3500
NAA $2850
(2) 9N . $1250-$1950
4000D w/Loader $2750
(2) 800 . . . . . $2500

MASSEY FERGUSON-
1155D $9500
1150D $7500
1105D w/Duals $8750
1085D - Cab. . . $8750
265D $7750
175D $4850
T030. . . . . $1350

CASE
1370D $11,000
1030D $5000
(2) 930D . . . . . $3500 - $5000
1470D 4WD - Cab $13,900
930D CK - Standard $2800
(2) 830D CK . . . $4900
930 Standard . . $1850

JOHN DEERE
4430 Cab . . . $17,500
4320 . . . . $11,500
5020 Cab - Duals $8900
4020D $7900
3020D $6900
(2) 820D $2900
730D $2200
730G $2500
70G. $1500
MT $1650

OLIVER
2655 - 4WD . . $10,750
2050. . . . . $6900
1950T 4WD . . . $7500
1950 GM $7000
1855 - Cab. . . $10,000
1850 - 4WD . . . $7500
1800 - 4WD . . . $7000
1650D $3500
770D $1500

LONG
N 610DT $10,900
N 560DT. $8900
560DT $5000
N 360 . . . . . $7300
N 310DT. $7950
N 310C. $6750
N 310 . . . . . $6000
N 510 Crawler $10,500

FARMALL
1086D $14,900
1466D Cab . . $14,900
(2) 1066D Cab. $10,900-$12,900
806D $4800
706D German . $7500
(3) 706D $3900-$6000
(2) 706G $3500-$3900
674D w/Loader $8900
560D $4800
656D $6350
450G $1500
2404G w/Mower $6000
300G $1400
Super A. $1500
(2) Cub w/cult . $1750-$2850
(2) H . . . $750-$850
(2) C . . $1200-$1600
M $900

DISC'S
Int 36 w/wings $4500
Int 44 w/wings $4500
Long Offset . . $4000
Wilbeck Offset $4500
Bush-Hog w/wings new $6700
(2) Int Cubs - Rebuilt $600
(2) JD KBA 28 Rebuilt $750
IH 28 FH - Rebuilt $750
(3) IH 44 Blade - Rebuilt $1800 - $2000
IH 40 Blade - Rebuilt $1800
(3) IH 36 Blade - Rebuilt $1800
White 44 Blade - Rebuilt $2000
White 32 Blade - Rebuilt $1800
(2) Cub - Used. . $400
JD 28 Blade - Wheel - Rebuilt . . . $1700
Oliver 36 Blade Wheel . $1500
(16) 6'6" 3 pt. - New $495

CORNSHELLERS
(2) JD 43 PTO. . $700
MM D PTO . . . $375
(3) NI Grinder for Mtd . . . . . $350-$750
(5) NI Shellers for Pull & Mtd . . . $300-$1000
(6) IH 234 Shellers & 12 Roll Beds . . . . . $350-$950

DRILLS
Int 13 S Disc. . . . $900
Int 17 S Disc. . . $1800
Int 18 D Disc. . . $2000
JD $950

COMBINES
Gleaner CII w/Grain $3500
(3) JD 40's From $1200
JD 45 . . $1500
IH 203. . . . . $2000
IH 715 . $10,000
MF 300 Qt . . . $9500

FLAIL CHOPPERS
JD 16A . $1500
NH 36. . $2000
MC . . $695
IH #5 . 895
AC 56F . . $395

(14) CARS & PICKUPS

CRAWLER LOADERS
Cat 941 . . $16,500
Cat 933 $8750
Cat 933 Swamp . . . $8750
(2) JD 350 . . $8800
JD 450B w/9300 Hoe . $14,900
JD 2010 w/4 in 1 bucket $6000
Case 310 . . . . $4500
Int 340 Loader & Backhoe $5000
Cat 955H - . . . $9500

TRAILERS
1969 Great Dane 35 ton detachable . . $13,750
New HD10 2½ ton $1650
(2) New HSE14 4 ton . . . . . $1600-$1700
New HSM14 6 ton . $2000
New HSL14 6 ton . . . $1950
(3) New HTR16 8 ton . . $2950
New HTRB18 18 ton . $5875
(4) New 2 Axle Trailers . . $1250
1976 Gooseneck 3 axle w/tilt top . . $5000

BACKHOES
Long 3 pt. Hoe-new $4500
Long 5 in 1 w/cab . . $17,500
(2) JD 310 . . $11,500 & $10,500
Ware Hoe Attach $2750
Case 580B w/Cab . . $9500
Case Hoe Attach . . . $2500
JD 9300 Hoe Attach . $5500
IH Hoe Attach. . $2250
3 Pt. Backhoe. $2400
Arps 3 Pt. Backhoe . . . $3000

CULTIPACKERS
Brillion 9' . . . $175
Dunham 12' $595
(3) 16' packers. . $795-$1250
Brillion 12' Mulcher $1675
Dunham 16' Mulcher $2275

HARVESTERS
NH 717 - 2x30 - PU $2500
AC 720 - 2x30 - PU. $1750
IH 650 - 2x30 - PU. $2000
JD 34 - 1X - PU. $1650
Fox SP Diesel - Max II - 3 Row - Flail Head $11,500
Fox - 2x40 & PU . $750

MISC. CONSTRUCTION
Int TD9 Winch. . . $500
Davis DH5 trencher New Diesel . $14,500
JD 420 winch . . $600
New winch $1000
(6) Sweeper attach From . $95
(40) Used hoe buckets . . From $150
(25) Loader buckets . . . . From $95
New landscape boxes . . . From $425
(4) Set forklift forks . . . . . From $300
Sheepsfoot Roller $1750
Cat D2 Winch . . $400
JD 1010 Winch. . $250
Air Compressor (Garage Type) - Like New 5 HP $1750
4 Cyl Detroit Diesel Powerunit. . . . $3250
Mich 35 4WD Loader $8500
Hough 50C 4WD Loader $7000
Franklin 133B Pack-N-Back Skidder. $7750
Huber Maintainer $2500

TRUCK TRACTORS (All Diesel)
1970 Dia Reo conv. screw . . $8000
1968 F Mack Sleeper screw. . $2800
1976 Ford 7000 Louisville single . . . $9950
(2) 1974 Ford Louisville single $9500
Int Emoryville . $1700

CORNPLANTERS
(2) IH 6X Air - Liquid . . $2500
(2) JD 290 Pull . $595
Ford 4X w/Gandy $1000
(2) 2x3 pts $395
Ford 2x3 pt $600

CHISEL PLOWS
Athens 13' pull . $1575
Glenco 9' Soilsaver . . $3400
(8) Field Cult - . From $795

CABS
New All Season For 930 & 1030. . . $1700
New FV For IH Combines . . . $1000
New FV For 1150 MF $1700
New FV For 1085 - 1155 MF. . . $2000
Used For JD 45 Combine. . . . $600
Used For IH 203 Combine. $800
Used For NI Uni System. . . . $900

LARGE CONSIGNMENT AUCTION
MONDAY JUNE 8, 1981
10:00 A.M.

CORNPICKERS
NI 12 Roll Mtd (319). $3500
NI 12 Roll Mtd (305) $1950
NI 324 12 Roll . $5500
(3) NI 311 Sheller $1650
NI 324 Sheller . $5800
NI 325 Sheller $3500
Ford 1X Mtd (Blue) . . . $1350
Oliver #5 1 Row . $395
NI #10. . . . . $895

ROLLBACKS
1979 Int 2500 Tandem 290 Cummings 1110 Trans- Double P.S. New Jerr-Dan 26' Rollback Built Super Heavy . $48,500
1975 Int 2050- Tandem-Cat 225 Diesel 10 speed R.R.-New 26' Jerr-Dan Rollback Heavy Duty . . $21,750
1969 INT w/24' Rollback - Nice . $8500
1968 Int. Diesel - 24' $8500

COMPLETE RUNNING GAS & DIESEL ENGINES
50 On Stock - Call

PLOWS
AC 2X Rollover - SC . . . $300
White 6x18 Reset $5000
(2) JD 5x16 semi mtd . . $900-$1350
JD 5x16 Pull $975
(40) 1X to fit small tractors
JD 1450 6x16 $2150
JD 1450 6x16. . $2950
JD 1450 6x18 $3350
IH 720 5x20 Reset . $5000
White 348 3x16 Reset . $1850
(3) JD 2600 4x Reset New . $5000
IH 6x16 Reset $2800
JD 2600 7x18 On Land Spring Reset $6000
1x, 2x & 3x Rollover Plows on Stock
1x-2x pulls on stock
Lot of 3x and Smaller Plows

DUMPS - CONSTRUCTION
1974 Ford Louisville Single Axle New 9' Dump Body 225 Cat Diesel . $12,750
1974 Int 2050 Single Axle New 9' Dump Body 225 Cat Diesel . . . $13,750

DUMPS - FARM
1974 Ford Louisville Single Axle New 18' Omaha Dump w/Cattle Racks 225 Cat Diesel . . $14,950
(2) 16' Steel Dump Bodies - Complete - Used Less Than 1 Year Excellent . . $4500

FORKLIFTS
Ford 30' Diesel . . . $12,500
JD 2010 . $5950
Int 340 . . . $4950
Yale 3000 Lb $3950

5 FOOT 3 PT. ROTARY MOWERS $495.00

HAYING TOOLS
JD 336 Baler w/Kicker $3900
Chopper Attach For Baler $475
NH PTO Thrower $275
(2) Elevators. . $695
Case 950 SP Windrower $595
(3) NH 479 Haybine $2500-$3600
(2) NI Cut-Dutioners . . . . $1200-$1800
Gehl Haybine . . $1250
Hesston 10 Stacker - Nice $3000
JD Stack Mover $1850
(2) Hesston 10W Mower $750
(2) NH 56 Rake . . . $1150-$850
NI Rake. $595
AC Rake $795

COMBINE CORNHEADS
110 On Stock
(5) AC 2x40
(3) AC 3x30
AC 4x30
(5) AC 4x40
(2) AC 6x30
(16) JD 2x40
(6) JD 3x30 & 3x40
(5) JD 4x30 & 4x40
(12) IH 2x40
(11) IH 3x30 & 3x40
(9) IH 4x30 & 4x40
(9) MF 2x40
(5) MF 3x30 & 3x40
(3) MF 4x30 & 4x40
MF 6x30
(7) Oliver 2x40
NH 2x40
NH 3x30
(3) Oliver 3x30
Case 3x30
Case 4x40
(5) Oliver 4x30 & 4x40

NEW MACHINERY SPECIALS

4' 3 Pt Rotary Mower	$485
4' Pull Rotary Mower	$675
5' 3 Pt. Rotary Mower	$495
5' Pull Rotary Mower	$695
6' 3 Pt. Rotary Mower	$695
6' Pull Rotary Mower	$795
5' Free Stall Scrapers	$450
6' Free Stall Scrapers	$475
Landscape Boxes - Same As Above	
3 Pt Boom Poles	$60
7' 3 Pt. Peg Harrow	$395
10' 3 Pt Peg Harrow	$495
14' 3 Pt. Peg Harrow	$595
3 Pt Fertilizer Spreaders	$395
6' 3 Pt. Landscape Rakes	$495
1 Row 3 Pt. Marker	$175
2 Row 3 Pt. Marker	$265
6' 3 Pt. Blades	$195
7' 3 Pt Blades	$245
8' 3 Pt Blades	$285
12" Post Hole Digger	$495
6'6" 3 Pt. Disc	$495
1 Bottom 3 Pt Plow	$295
2 Bottom 3 Pt Plow	$450
1200 Bu. Corn Cribs	$795
4'x8' Utility Trailer	$395
3 Pt Woodsaws	$875
"0" Category Tools 3 Pt Disc	$295
5 Ton Wagon	$450
6 Ton Wagon.	$475
8 Ton Wagon w/8" Rims & QL Tongue	$650
10 Ton Wagon w/8" Rims & QL Tongue	$725
12 Ton Wagon w/10" Rims & QL Tongue	$925
11 Ton Wagon w/Tandem Axle	$895

MISC. MACHINERY

JD 4020 Rollbar & Roof. $475
Long RollBars $300
JD 400 Feed Mill $2500
NH 352 Feed Mill $2850
Manure Spreaders
Snow Plows
Side Dressers
Potato Diggers
Woodsaws
Scraper Blades
Loaders
Large Papec Mill. $500
Spike Harrows . . . . . $75 per section
Spring Harrows . . . . . $75 per section
(2) 1 Row Potato Diggers . . . $295-$395
Kools Recutter . $975
(2) Lime Drills. . . . $295
(2) Rotary Mowers - Approx. 14' . . . $1800-$3500
Long 72" Rotovator - New $1695

DUALS (HUBS EXTRA)

18.4x38 JD Axle $1500
18 4x34 Axle . . . $500
16.9x38 Axle . . $750
(7) 18 4x38 Axle $575 - $675 - $750 - $775 - $900 - $975
18 4x38 Factory Axle MF. . . . $1000 . $1350 - $1500
15 5x38 Snap On. $450
18.4x34 Snap On $650
18.4x38 Factory Oliver $1350
18.4x38 Factory Ford Axle - New $1800
Lots Of New Duals On Stock

TARP SALE

	REG.	SALE
5'x5'	18.95	$ 9.50
5'x7'	20.95	10.50
5'x9'	25.95	13.00
8'x10'	35.95	18.00
9'x10'	39.95	20.00
10'x12'	45.95	$23.00
10'x14'	55 95	28.00
10'x16'	65 95	33.00
10'x18'	79 95	40.00
10'x20'	99 95	50.00

TRACTORS
FORD 8N w/mower
FORD 5000 Diesel
IHC 454 Diesel w/ loader
JD 1240 Plateless Planter
NORMAN R. SHORES TRACTOR
R.D. 5, Towanda, PA
717-265-9014
No Sunday Sales

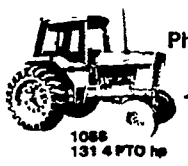
7700 JD combine w/4 row corn head, wide row, 15' grain platform, 1135 hrs.
$39,500
O.D. BARNETT & SONS
RD 3, Boswell, PA
814-629-5009

INVENTORY CLEARANCE
2 brand new JD 100 stack wagons $5995 & $6995
Call or write for details
TAM SERVICES, INC.
Rd 4 Box 77A
Gettysburg, PA 17325
N. of Gettysburg, just off Rt. 15
717-334-3710

SPRING SPECIALS...
Amco 10'6" Wheel Carrier Disk $4475
Soil Master 7 Tooth Chisel Plow $4825
8 Ton Elec. Wagon Gear.... $575
Farmall Cub 42" Mower... $1700
18 HP Wheel Horse, Excellent condition $2100
MARTIN HARDWARE & EQUIPMENT CO.
1½ M. south of Schaefferstown, Pa. on Rt. 501
Phone 717-949-6817

BALDWIN ELECTRIC MOTOR DIVISION, INC.
REPAIR & REWIND - ALL BRANDS AC & DC MOTORS
Call 717-354-5566
Call 717-354-4651
BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
P.O. Box 232, Honey Brook, PA 19344

M & R EQUIPMENT, INC.
New Park, PA
4 Mi. E. of Stewartstown, PA
Ph: 717-993-2511
Red Lion, York, Brogue, Loganville
Ph: 246-1972 Residence 301-452-8693 after 6 P.M.


1086
131 4 PTO hp

986
105.6 PTO hp

TILLAGE SALE!

YOU CAN'T BEAT THESE PRICES!

IH 475 disc, 7½" spacing, 22" blades, hyd. cyl. & hoses, 17' 5" wing type, **$6800!** IH 720 plow 5 x 20", auto. reset, trash plates, **$6400!** IH 720 plow 5x18" auto. reset, hillside hitch, steel trash plates, **$6400!** IH 510 plow, 3 btm. SOLD mi-mtd., **$2550!**

ALL OF THIS EQUIPMENT IS COMPLETELY NEW, NOT DEMONSTRATED
WAIVER OF FINANCE UNTIL 9-1-81 ON ALL TILLAGE EQUIPMENT

ANNOUNCING AN UNBEATABLE SALES PROGRAM FROM IH!

RED POWER BUYER'S CHOICE

REBATES & AWARDS ON ALL IH TRACTORS
INTERESTED ??

NOW YOU CAN BUY A 1086 TRACTOR DEMONSTRATOR THAT USUALLY LISTS FOR **$40,403** FOR $29,700 + GET $3000 CASH BACK FROM IH FOR A NET COST OF **$26,700!** TRACTOR IS EQUIPPED WITH AM-FM RADIO, DIFF LOCK, 20.8x38 8 PLY REAR TIRES, 2 SETS REAR WTS.

— OR —

RECEIVE $4500 IN "IH RED POWER" DOLLARS REDEEMABLE FOR ANY IH MERCHANDISE OR EQUIPMENT.

ALSO YOU CAN BUY

A 3388 2+2 TRACTOR EQUIPPED WITH 18.4 x 38 8 PLY TIRES FOR **$38,500** (LIST **$49,080**) AND GET **$5000** IN CASH BACK FROM IH OR **$7000** IN IH "RED POWER" DOLLARS

NEW TRACTORS & COMBINES IN STOCK

1420 Combine
1440 Combine
1460 combine — priced right
All Combines Finance & Warranty Waiver Until 9-1-81
(2) 986 Farmalls-new models-cab, air, diff lock, old price
(2) 1086 Farmalls - 1 old code, 1 new code, cab, air, diff lock
3388, fully equipped
(2) 686 Farmalls
(2) 484 Utility
84 hydro row crop
584 row crop

USED SKID LOADERS

- IH 4130, Rebuilt, new tires
- Bobcat 610

USED EQUIPMENT

IH 656 Farmall Diesel w/3 Pt., Nice
IH mtd. 234 Picker for M, 560, 656, Exc. Cond.
IH Farmall (A) Tractor w/Belly Mtd. Mower
JD 13x7 FBB Grain Drill, Exc. Cond.
IH 990 Mower Conditioner, 7'
IH 7' 990 Mower Conditioner
NH 469 Haybine
Many used reconditioned cadets
IH 105 cub cadet w/hydrostatic, snow blade, mower., nice
Moline drill, 16x7, combination, nice
990 Mow - Cond., nice
470 wing disc 17'5"
Oliver 18' wing disc
IH 470 12' disc
JD 14' rotary mower
IH 56 blower, nice
Many used John Deere Harrows
NH Super 717 1 row corn hd, hay pick-up
F656 diesel hydro
JD 2510 gas tractor
B 414 diesel, 3 pt., overhauled, nice
NI 213 spreader, new web
Super C w/cultivators, belt pulley
IH 2400A tractor w/6 way blade, ideal for snow removal
IH 4-Row cyclo no-till planter, nice
IH 449 planter, 4-row, nice, good cond
IH 56 planter, double disc, gandys, 4-row wide, extra cond. SOLD
MF 4-row planters, 50 acres
JD 34 harvester, 1 row head
234 picker (nice)

SPECIALS ON NEW EQUIPMENT

NEW IDEA 299 MOW-DITIONER, DEMONSTRATOR
$3995.00

DEMO. KNIGHT 12C BIG AUGGIE MIXER FEEDER ELECTRONIC SCALES
$12,350

NEW WHEEL RAKES
$850

GEHL 1600 ROUND BALER
$7900.00
Waiver of Finance Till Sept. 1, 1981

USED EQUIPMENT

TRACTORS
Case 530 G
Case 1070 D
Case 1370 C-A-H
Ford 4000 G
IH 660 D
IH 1066 Hydro
MF 230 G
MF 2135 Turf
AC 7040 C-A-H
AC 7080 C-A-H
DB 1200 D
DB 990
Jubilee NAA

LOADERS
Case 1816
Case 1845 G
Case 580 w/hoe
Case 380
1530 Uniloader
Uniloader fork - grapple

MISCELLANEOUS
Wetmore grinder
Ford 101 plow
Hesston PT 10
JD 700 grinder-mixer

UNI-SYSTEM
701 Power Unit
708 Power Unit
702G w/combine
729 A sheller
767 harvester
762 row crop
760 hay pickup
710 combine
743 N corn head

FORAGE
Gehl 800 recutter
Gehl 600 harvester
Gehl 610 box
Gehl 910 box
J.D. 65 blower
N.H. 1880 SP
Grove box
JD 216 box

NEW IDEA
Manure Spreaders 212, 213, 214, 224, 218
272 cut-ditioners
#7 corn picker
325/314 picker sheller

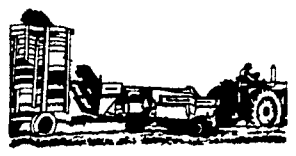
USED GARDEN TRACTORS
7 to 14 H.P. Starting At **$395**

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

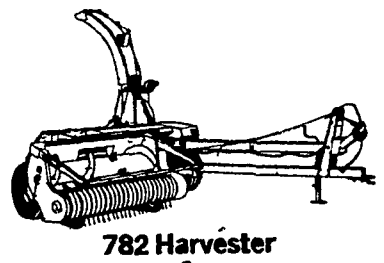
case AVCO NEW IDEA GEHL BUSH-HOG

CUT YOUR HAY THE NEW HOLLAND WAY


NH 310 Baler w/70 Thrower

NH 489 Haybine

WAIVER OF FINANCE
★ Forage Equipment w/ Hay Heads till June 1, 1981 w/Cornhead till August 1, 1981
★ Hay Tools till June 1, 1981


782 Harvester

WAIVER OF FINANCE
On All New & Used Spreaders, Grinder-Mixers and Skid-Steer Loaders till Sept. 1, 1981.

AUTHORIZED SPERRY NEW HOLLAND PARTS and SERVICE

STARLINE
WE STOCK A FULL LINE OF STARLINE PARTS

CALL OUR FRIENDLY SALESMAN BOB GANTZ
717-397-5179 or 687-6002 Or Call His Home 653-5020 Anytime

MasterCard VISA PACE

PARTS & EQUIPMENT SALES & SERVICE

ALLIS-CHALMERS

L. H. BRUBAKER, INC.

350 Strasburg Pike, Lancaster, PA
Phone: 717-397-5179

We Have A Good Line Of Used Equipment at Fair Prices

McConnell Forage Wagon, 3 Beater w/Roof
Case 995 S.P. Windrower w/10 Ft. Head
N.H. 273 Baler w/Engine
N.H. 273 Baler w/54A thrower
N.H. 275 Baler w/Thrower
AC 80-S Mower
N.H. 26 Hopper Blower
N.H. 479 Haybine
N.H. 1469 Haybine
(2) N.H. 489 Haybines (Excellent Condition)
Winpower 20,000 Generator like new
A C. E330 Corn Head, excellent condition
N.I. 372 2 Row Narrow Corn Picker, Ex. Cond.
N.H. 55 Rake
N.H. 1495 S.P. Mower conditioner
710 Int. 5 Bot. Reset Plow
N.H. 1469 Haybine with Ford engine
H 461 Haybine
N.H. 169 Baler w/thrower, real nice
Yanmar 15 H.P. Diesel Demo
Grove Forage Wagon

Sterling

THE NU-TWIST IN BARBED WIRE

Economical - Easy to Erect

THE NEWEST DEVELOPMENT IN BARB WIRE IS NOW AVAILABLE FROM STERLING!

- ★ IT'S STRONG — Nu-Twist is made from 15½ gauge high-strength carbon steel wire with a breaking strength that's nearly the same as standard 12½ gauge wire barb wire
- ★ IT'S LIGHT — An 80-rod reel of 4 point Nu-Twist weighs only 43 pounds compared to 86 pounds for conventional
- ★ IT'S DURABLE — No-Twist has a double-protective zinc coating for outstanding corrosion resistance
- ★ IT'S EASY TO HANDLE — Each reel of Nu-Twist comes with a protective wrap per and a built-in carrying handle

SPECIAL $29.95

ALSO IN STOCK

STERLING 12½ GAUGE BARB WIRE

Special $44.95

ECHO

The Lightweight Heavyweights WEED & GRASS TRIMMERS

Model SRM - 302ADX
List Price $349.95
SALE
$319.95

Model SRM-200
List Price $219.95
SALE
$199.95

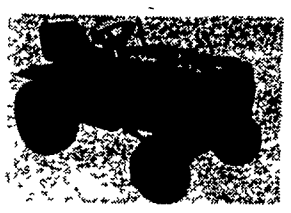
FREE
1 Pound Roll Replacement Trimmer Line With The Purchase Of Any new Echo or Weed-Eater Trimmer. $12.95 Value.

NEW BRILLION FARM EQUIPMENT

LGS-120 - 10' Cultipacker..... $1000
LGS-160 - 13'4" Cultipacker..... $1450
LFMS-132 11' Sprocket Packer... $1150
MD-148 - 12'4" Pulvimulcher..... $3900
MD-164 - 13'8" Pulvimulcher..... $4300

NEW & USED WHITE FARM EQUIPMENT

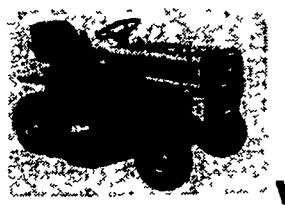
New White 543 4 Row Corn Planter, Granular Fertilizer & Insecticide..... Our Price $4900
New White 5100 Planter 4 Row Granular Fertilizer & Insecticide No-Till, Monitor... Our Price $7200
New White 508 Plow, Semi-Mtd. 4 btm. 18" Spring Auto. Reset w/Gauge Wheel & Cylinder..... Our Price $5250
New White 255 Disc Harrow, 10'4", 32-7 Gauge Blades..... Our Price $3500
Used White 251 Disc Harrow 9'3" 28-9 Gauge Blades, Like New..... $2500
Used White 5400 6 Row Air Corn Planter, Granular Fertilizer & Insecticide, No-Till, Deluxe Monitor, Gauge Wheels, Used 1 Season For approx. 300 acres, like new $8000



WHITE GT-1622 YARD BOSS GARDEN TRACTOR WITH 50" MOWER

Twin cylinder 16 horsepower • 16 speed, shift-on-the-go gear drive • Case aluminum grill • Fully enclosed engine • "QD" Quick Detach system • Counter balanced hand lift • 23" rear tires • Electronic "Service Alert" Monitor • Headlights • Taillights.

List $3238
OUR PRICE **$2595**



NEW WHITE LGT-1100 GARDEN TRACTOR WITH 38" MOWER

11 H.P. Briggs Engine • Five-speed transaxle gear drive • Electric start.

List $1795
OUR PRICE **$1595**

WHITE Outdoor Products

USED OLIVER TRACTOR PARTS

NOTE: We Have A Good Selection Of Used Oliver Tractor Parts For The Following Models: 55, 66, 77, 88, 1600 Call and Check With Us.
We Will Ship UPS

1 - 155-897A Reconditioned Crankshaft with NEW Bearings, .010 Rods - .020 Mains, Fits - 16550, 1750G, 1755G, 1800G
1 - K-119D Reconditioned Crankshaft with NEW Bearings, .010 Rods - .010 Mains, Fits - Super 88 & 880 Gas or Diesel
1 - 30-307-8663 Reconditioned Crankshaft with New Bearings, .010 Rods - .020 Mains, Fits - 1750D, 1755D, 1800D, 1850G, 1855 G&D, 1950, 1955
1 - 166-425A Reconditioned Engine Block, Fits - 1655D
1 - Wide Front End - Rebuilt, Fits - 1550 - 1955
1 - Rebuilt 55 Gas Engine, Complete
1 - 770 Gas Engine, 1100 Hours, Complete

THE Sharp Ideas COME FROM WOODS

3 Pt. Rear Mounted Lawn Mowers. 4 ft., 5 ft. & 6 ft. Models In Stock.
NOTE: We stock a large inventory of Woods Mower Replacement Parts

USED MASSEY FERGUSON

65 Gas, PS, FF
With Multi Power, Excellent Cond.
$2750.00

USED OLIVER TRACTORS

- 55 Gas - 3 pt.
- 550 Gas - P.S. 3 pt.
- 1600 Gas - W.F. 3 pt.
- 1800 Gas - W.F. 3 pt.

NEW OMAHA STANDARD GRAIN BODIES IN STOCK

9½ ft. Platform (Wood Floor) with 40" Steel Grainsides & 26" Cattle Racks
10 ft. Platform (Wood Floor) with 40" Steel Grainsides & 26" Cattle Racks
14 ft. Platform (Treadplate Steel Floor) with 40" Steel grainsides & 26" Cattle Racks
14 ft. H.D. Platform (Wood Floor) with 52" Steel Grainsides & 18" Cattle Racks
15 ft. Platform (Wood Floor) with 52" Steel Grainsides & 18" Cattle Racks
16 ft. Platform (Treadplate Steel Floor) with 40" Steel Grainsides & 26" Cattle Racks
18 ft. Platform (Wood Floor) with 40" Steel Grainsides & 26" Cattle Racks
18 ft. H.D. Platform (Wood Floor) with 52" Steel Grainsides & 18" Cattle Racks

USED TRUCK BODY

Reading 18½ ft. Platform Diamond Plate Steel Over Wood with 42" Steel Stake Racks, Like New, 2 yrs. old.
$1600

USED 12½ TRUCK GRAIN BODY

Steel Floor with 40" wood sides with New Harsh 8 Ton Hoist, 2 cyl.
$2000.00 (Installation & PTO Extra Charge)

25 NEW HARSH TRUCK HOISTS — Now In Stock

POWER-PULL

WINCH PULLER

MAKES TOUGH PROJECTS A 1 MAN JOB

½ TON
Reg. $42.75
OUR PRICE
$37.95

1 TON
Reg. $53.50
OUR PRICE
$47.95

$135

Milwaukee
Amstar

TOP QUALITY TOOLS FOR LESS

Now...Milwaukee puts quality and performance into a new 4½" Sander/Grinder. Powerful 5 amp, 10,000 rpm motor. AC/DC paddle switch, for right or left hand use. All ball and roller bearings. Only 10½" long, 4½ lbs.*

YOUR FARM EQUIPMENT CENTER FOR:

WHITE - BRILLION - BUSH HOG - FOX - VICON - KUBOTA - BOLENS - HOMELITE - ECHO - OMAHA STANDARD - HARSH

FARMERSVILLE EQUIPMENT INC.

RD 4, Ephrata, PA — 717-354-4271

HOURS: Mon., Tues., wed. & Fri. 7:30 AM to 5:30 PM; Thurs. to 9 PM; Sat. till 3 PM

FARM EQUIPMENT

NEW EQUIPMENT
JD 506 Rotary Mower $695
JD 307 Rotary Mower $800
JD 1250 3B 16" Plow $1320
JD 1608 Chisel Plow $1700
JD 2600 4B 18" Spring Reset Plow $5680
JD 336 Baler w/#30 Kicker $6650
JD F950 12' Roller Harrow $4150
JD 567 Wheel Rake $1275
USED EQUIPMENT
JD 730
JD 38 & 3800 Harvesters
JD 4B F125 Plow
JD 5B 1450 Plow
JD 1640 12'6" Disk
JD AW 9'10" Disk
JD 7000 4RN Planter $4995
JD 494 4R Plate Planter
IH 6R Air Planter $3000
Farmhand Loader to fit JD 1010 & 2010
JD 300 Elevator 34'
Brillion 9' Packer
JD 16A Flail Chopper

WENGER IMPLEMENT, INC.
The Buck, PA
717-284-4141

FARM EQUIPMENT

BRICKERVILLE EQUIPMENT
* SALES * SERVICE * PARTS
537 E. 28th Division Highway,
Lititz, PA 17543
717-626-6198

SPECIAL
1 Used 2100 gallon Augermatic Spreader w/Plow Down Attachment, Good Cond.

Also
SPECIAL PRICE ON
800 gallon thru 4600 gallon
Both vacuum & augermatic spreader units available

BUY "BETTER BILT" EQUIPMENT
WHY? IT'S "BILT-BETTER"

CALL US FOR YOUR NEEDS OF
- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

FARM EQUIPMENT

SALE of USED EQUIP.

	Stock #
4400 Gehl Skid Loader	1348
5000 Diesel New Engine	1352
9' Mower Conditioner	1300
Gehl Skid Loader	1483
850 Ford Tractor	1491
4500 Ford TLB	1507
NAA Ford Jubilee	1544
T020 Ferguson	1572
3000 Ford [SOLD]	1606
4000 SU w/loader	1608
5000 Ford w/turbo	
8000 Ford Diesel	1612
250 Ford Baler	1614

7-10-12-14 Hp. FORD, JOHN DEERE, IH LAWN & GARDEN TRACTORS

Ford Tractors Equipment

LANCASTER FORD TRACTOR, INC.
THE HOME OF THE RELIABLES
1655 Rohrerstown Road, Lancaster, PA
Flory Mill Exit off Route 283
Phone: 717-569-7063

FARM EQUIPMENT

New Equipment

Tag		List	Cash & Carry
1159	H Lely Broadcaster	$1010	$ 895
1224	GL10 Lely Gemini Hay saver	2217	1800
1829	8 ton wagon chasses w/telescoping tongue		595
	Jet Hoist for pickup truck only	1095	695
1252	519 NH box type manure spreader	4458	3807

Used Equipment

1579	282 NH baler	2950	2150
1852	Cub tractor	2000	1850
1575	LA JD tractor w/ plows & culti.	1800	1600
1063	TO20 Ferguson tractor	1800	1500
1820	2000 Ford tractor w/loader	4500	4150

Ford Tractors Equipment

EDWARDS FARM EQUIPMENT
291 W. Moorestown Road,
Route 512 At Clearfield,
Nazareth, Pa. 18064
Phone 1 (215) 759-0240

COMBINES
IH 315, Cab, Hydro, 10' Platform, Very Good
JD 4400 Diesel, Cab, Air 13' Platform, straw chopper
JD 4400 Gas w/Cab, 13' Platform w/Pickup Reel
JD 6600 Diesel Hydrostatic, Cab & Air, 13' Platform w/Pickup Reel
JD 3300 Rotary Screen Cab, Air & 13' Platform with Pickup Reel
IH 1460 Combine, 650 Hours, Very Good Condition
Late Model IH 715 w/cab, 13' Quick-Tach grain table, very nice

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS
JD 4520 D, Cab, AC, Powershift
JD 4430 4 Post RG, Quad
JD 4320 Dsl. Cab, AC
JD 4230 Quad Range
JD 4020 Dsl. WF Powershift
JD 4010 Dsl.
JD 3010 Dsl.
JD 830 Dsl. 3 cyl.
IH 1456 D, WF
IH 1256 D w/Cab
IH 1256 D WF
IH 966 w/Cab & Air
IH 856 D, [SOLD]
IH 826 Very Nice
IH 806 Dsl. WF
IH 574 w/2050 Loader
IH 756 D Fast Hitch
IH 656 Dsl. WF
IH 656 Gas WF

MOWER CONDITIONERS
JD 1209
NI 299 Cut/ditioner like [SOLD]
NI 272 Cut/ditioner
NH 479, Very Good
Gehl 18 [SOLD]

HARVESTERS
MF 260 w/2R Corn Head & Pickup
JD 3800 w/2R Corn H [SOLD]
JD 35 w/2R Corn Head
NH 717 w/1R Corn Head
NH 36 Flail
JD 16A Flail
JD 16A Flail, very good

CORN HEADS
IH 327 & 844
MF 24 & 63
AC K238, KL 330
JD 244, 343, 443, 444, 643

BALERS
JD 336 w/Thrower
JD 346 Wire w/Thrower
JD 346 Wire w/Bale Chute
NH 276 w/Thrower
NH 268 w/Thrower

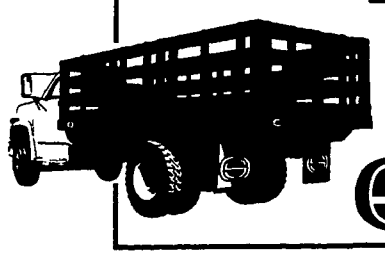
CALL US FOR BALER TWINE PRICES

JOHN DEERE 3 PT. HITCH 6 ROW CULTIVATOR WITH SPRING TEETH

MISCELLANEOUS EQUIPMENT
MF 235 Loader w/valve control
IH 400 Air Planter Dry Fert., Insect., Very Nice
JD 58 Loader w/large materials bucket
IH Pickup Head for 550-650 Harvester
JD Late Model Hoe Drill 16x8 Fert. & Grass Seed
JD 300 Corn Picker 2 or 3 Row Optional
20' Speed King Wheel Harrow
NH #27 Whirl-Feed Blower
New Full Vision Cab To Fit JD 4030 thru. 4430.
Cab to fit 06 and 56 IH Tractors.
IHC 18-38 & 18-34 Duals
Cab to Fit JD 30 & 4020

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049 215-965-5203

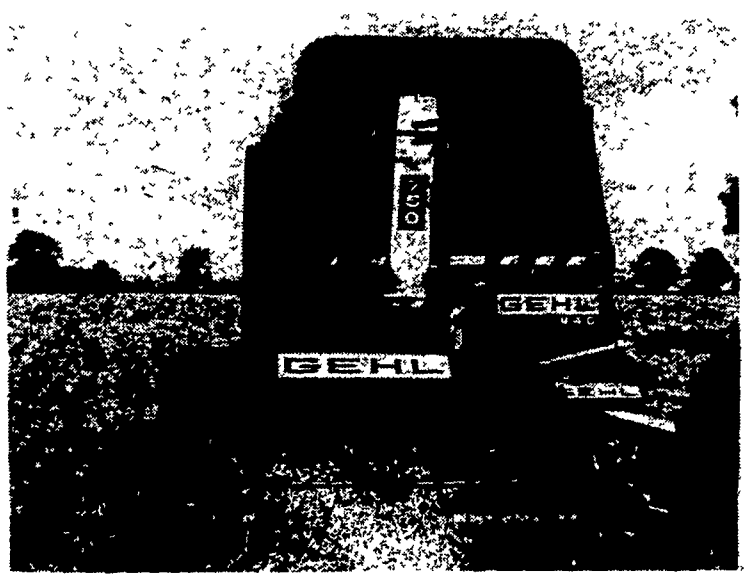
Tough, Dependable Stake Bodies



Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

GEHL - A Cut Above The Rest



GEHL 750 FORAGE HARVESTER
With Hydraulic In Head Knife Sharpener, 2 Row Head, 6 Ft. Hay Pickup

IN STOCK
With Waiver of Finance Till Sept. 1, 1981. Be sure you check with us before you buy any brand.

9 FOOT NEW IDEA CUT-DITIONER
Like new knives, excellent condition, new style offset type
Only $2985

NEW BALE WAGON SPECIAL
8 ft. wide by 16 ft. long, Mounted on New 6 Ton Wagon With Reg. Hitch and Good Used Tires. Painted Red with Fold Down Front and Side Openings
$985.00

Used Diesel Loader Backhoe, Industrial, David Brown, Rebuilt Engine, with waiver of finance till Jan. 1, 1982
ONLY $5800

I.H. Model 3514 D.L. Backhoe 1980 hours, with waiver of finance till Jan. 1, 1982
$7900

case IH

BINKLEY & HURST BROS.
133 Rothsville Station Rd., Lititz, PA 17543 Ph: (717) 626-4705
Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

USED TRACTOR SPECIALS

FINANCING AVAILABLE

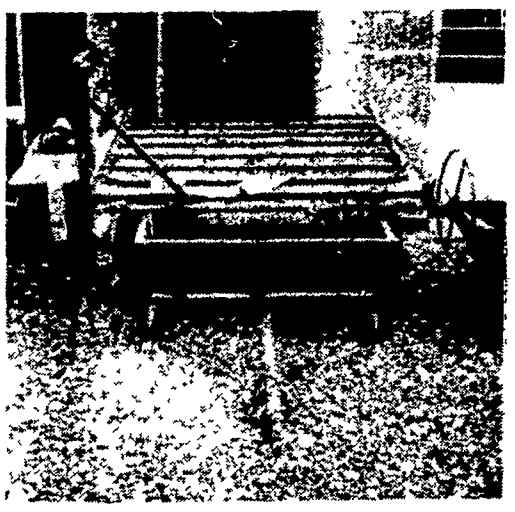
NOTICE: NO INTEREST, NO PAYMENTS
ON THESE TRACTORS TILL JAN. 1, 1982

DEUTZ MODEL 103-06, 4 wheel drive with cab, new clutch, 20.8x38 rear tires 13.6x28 front tires, 12 front weights, dual remotes, 1745 hrs.
$15,200

SPECIAL TRACTOR FEATURE:
CASE 870 DIESEL, Power Shift Tractor 1845 original hours, 540-1000 PTO, approx. 85 H.P., 18.4x34 rear tires, 11Lx15 front tires.
Only **$8,750**

MF Model 2805, Cab, air, heater, 3 speed P.S., 20.8x38 rear tires w/axle duals, 3 remotes, 194 H.P., late model, call for your deal.
2 Case 1830 Skid Loaders
Owatonna Mustang 1700 Perkins D Skid Loader
Owatonna 1000 Skid Loader, 60" Bucket & manure fork
IH 3514 D Backhoe Loader Tractor
Case 530 w/Loader
Ford 5000 D w/Loader #727
4230 John Deere, D. 4 post canopy w/enclose kit, 2400 hr., front weights, 18.4x38 rubber
990 David Brown D Select-A-Matic
MF 65 Diesel Tractor, wide front, high clearance, fair cond., motor overhauled...$2900
Case 1030 Diesel Tractor, late model Comfort King, western style
Ford 860, Blue paint...$2800
Deutz 9006, Diesel, Tractor...$7900
Case 970 Diesel Tractor, P.S., late model, 1700 hours.
Fiat Allis model 12 Ga , crawler loader, P.S. forward and reverse, canopy - priced to sell.

HYDRAULIC CYLINDER SPECIAL
List $76.90 3x8 **$49.95**



Do Your Own Dairy Animal Work
TILT TABLE for Hoof Trimming, etc. New Price $2500
Our Price **$1680**

HESSTON MODEL PT 10
LATE MODEL 9 FT. HAYBINE
Call For Your Deal

NEW & USED BLOWERS
New Kools KB 57 Hi Performancer .... Only $1889
Used John Deere Model 60H $280

MAKE US YOUR NEW & USED HAY TOOL CENTER!

NOTICE:
WE STOCK GEHL PARTS. WE SHIP ANYWHERE BY UPS TO YOUR DOOR

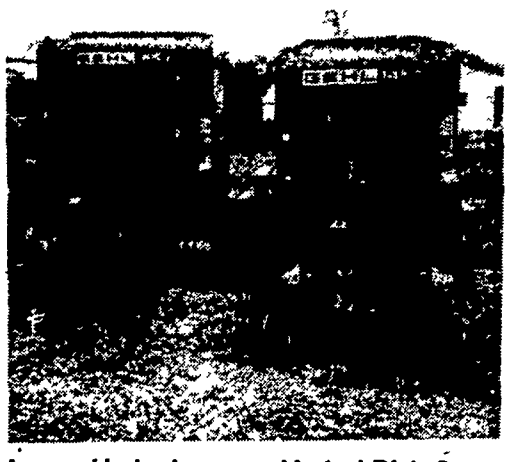
GEHL®

NEW 9 FOOT GEHL MODEL 1090 HAYBINE
Less lift cylinder and hoses, set up, 1 only **$5300**

7 FOOT GEHL MODEL 1070
Heavy duty knife guards **$4700**

FINAL PAYMENT NOT DUE TILL SEPTEMBER 1, 1981. INTEREST FREE
TRY GEHL - SATISFACTION GUARANTEED

NEW GEHL BALERS
1450 to 1850
With T.D.C. - The Simple System



A round baler is a round baler! Right?
Wrong! There are a number of types of round balers available today. Some balers form soft center bales by simply packing and packing the crop 'till the bale rolls up Some are belt balers that make very dense bales with tight core and wrap And there are balers that use spikes and chains to form round bales Only Gehl balers, with T D C give total Total Density Control, total operator control over the type of bale he makes — small core less dense more dense or anywhere in between

MODEL 1450
Hydraulic twine wrapping mechanism, bale counter, make the size bale you can handle.
ONLY **$7900**
Waiver of Finance Till Sept. 1, 1981
WE SELL MORE THAN PRICE... WE SELL GEHL QUALITY!

Do You Have Heavy Farm Excavating Needs? We Have What You Need:
25 TON MODEL 12G FIAT ALLIS CRAWLER LOADER
Powershift & Hydraulic Foreward and Reverse, Canopy.
10% Financing on First Year
Priced to Sell at **$11,800**

NEW FROM GEHL... 1080 Disc Mower Conditioner

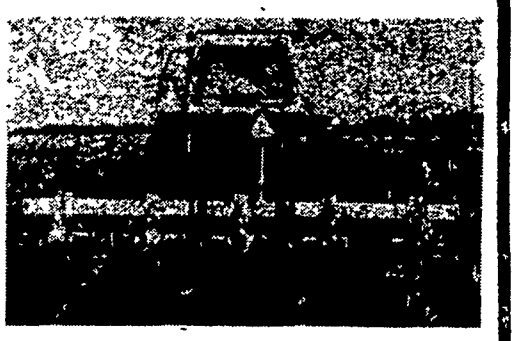
GEHL
DISC MOWER DEMO

Learn The Secret to high-speed, disc hay cutting. We'll give you a special Gehl Disc Mower Demonstration

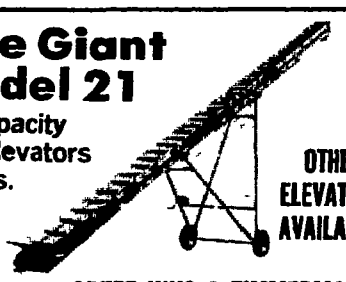
★ **The Unpluggable Time Saver With Speeds Up to 10 Miles Per Hour**
Cut, condition and windrow up to 7'10" in even the heaviest crops with this disc mower-conditioner Six counter-rotating, three-knife discs slice through your crop at up to 54,000 cuts per minute, leaving your fields cut short, smooth
Specially tempered reversible knives feature a 15° lift on the heel, to cut your crop, then lift it, allowing the cutterbar to slide under your crop, reducing machine-crop contact A special deflector on top of the disc then lifts the crop into the conditioning rolls
The conditioning rolls then aggressively grab the crop, yet gently condition it, cracking the stems at uniform intervals to speed drying, reduce leaf loss
The 1080 disc mower-conditioner features a heavy cover shield adjustable skid shoes for varied cutting heights flotation tires hydraulic lift ram adjustable flotation and conditioning roll pressure stone guards and more!

IN STOCK
IF YOU ARE TIRED OF PLUGGING WITH YOUR CONVENTIONAL MACHINE, CALL FOR A FREE DEMO.
WE DARE YOU TO CLOG THIS MACHINE!

DUNHAM HIGH SPEED CULTIVATOR w/DANISH TINE In Stock



Little Giant Model 21
High Capacity portable elevators for all crops. 34 ft. and 38 ft. available setup.



OTHER ELEVATORS AVAILABLE:
SPEED KING & ZIMMERMAN

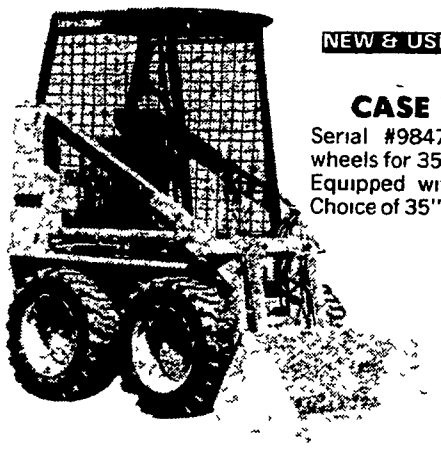
THIS WEEK'S SPECIAL
GEHL MODEL 640 SELF UNLOADING BOX

Continuous drive, 6x16 less roof, with 3 beaters, mounted on 8 ton McCurdy short turn radius wagon w/11L flotation tires, extendable hitch.
$3695 1 Only
★ NEED A BOX FOR HIGH MOISTURE HAYLAGE
WE HAVE THEM IN STOCK-STOP IN FOR YOUR NEEDS.

BALER SPECIAL:
N.H. SUPER 68 WITH #50 THROWER

NEW FROM GEHL:
204 WHEEL RAKE
4-wheel, 3-point hitch mounted hay rake. Bad weather, or even a heavy dew doesn't have to spoil your hay crop, not with one of the NEW finger-wheel rakes from Gehl!
SET UP, IN STOCK
$885

A.O. Smith Harvestore
MODEL 400 ROLLER MILL
In good condition on transport wheels.
New Price Is over $3200
OUR PRICE ON THIS UNIT: **$1900**



NEW & USED SKID LOADERS IN STOCK
New Demo CASE 1816B UNILOADER
Serial #9847547 with 5 90x15 tires, reversible wheels for 35" narrow wheel base or wide track 44" Equipped with counter weights and hour meter Choice of 35" or 44" bucket
1 Only **$5585.00**

Used Owatonna 1000 Skid Loader, good rubber, large 60" wide bucket, new manure fork
$3800

Used Gehl 4400, Ford 44 H.P. water cooled engine, hydrostatic $5900
Used Owatonna 1700, Perkins diesel Skid Loader $6800
Used Case 1830 Uniloader, Serial #983122, 54" wide $6900

case

BINKLEY & HURST BROS.
133 Rothsville Station Rd., Lititz, PA 17543 Ph: (717) 626-4705
Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30
★ Call Before 5 P.M. For Evening Parts Pickup
★ We Ship Parts Same Day, UPS Anywhere

FARM EQUIPMENT | FARM EQUIPMENT

NEW IH SPECIALS

	Sale	Less Red Power $ Rebate
720 harvester w/hay pickup	$6922	$5602
425 baler	$4452	$3727
1300 7' mower	$1550	$1350
35 hyd. rake	$1865	$1665
1190 mower cond , 9'	$6200	$5475

NEW EQUIPMENT:

510 4 bottom plow	$3047
9' Mulcher attachment	$460
Cyclo planter attachments Posidepth 6-row dry & 4 row liq. fert. covering discs 4 whl. attachment	In Stock
800 Early Riser plate planter	In Stock
200 2-row cultivator	$950

USED EQUIPMENT:

Ford 740 tractor w/loader	$1975
706 diesel, overhauled & reconditioned	$7800
504 gas tractor	$3800
JD 4020 tractor	$11,800
IH 710 7x18" plow, on the land hitch	$5500
IH 470 disc, 17' folding	$4000
IH 4x14 trail plow	$375
IH 400 Cyclo 4 row planter	$3450
IH 400 Cyclo 4-row planter	$2975
56 blower	$830
Gehl FB88 forage blower	$575
IH 990 9' mower cond.	$2250
IH 225 10' hay swather	$3650
Pincor alternator with trailer	$1495
(1) bale wagon	$495
IH 715 gas combine w/cab, 13' plat., 743 4x30 cornhead	$17,500
Brillion cultipacker, 10'	$475
Gehl 72 flail chopper	$1250
IH 2A hay crusher	$95

INCH EQUIPMENT CO.
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147.
INTERNATIONAL AGRICULTURAL EQUIPMENT
• U P.S Service Available

USED EQUIPMENT

Super M, like new tires, nice	$1550
930 Case tractor	4100
AC D19 tractor, nice	3200
Cub w/mower, nice	1995
AC CA	875
NI 323 Cornpicker	2650
NI Wheel Rake, good	750
Nicholson Hay Tedder plus Grimm	700
Portable Welder2 cyl. engine	750
NH 402 & 404 Crimpers	350 up
NI Hay Crimpers	from 250 up
NH 268 baler	1650
NH 273 baler	1950
NH 455 trailer mower	650
JD rotary mower	575
272 NI cut conditioner	1850
270 NI Cut-ditioner	1100
10 ft. International Fertilizer Spreader, Ex	475
GB600 Gehl Harvester w/2 row narrow head	1450

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HESSTON 1091 WINDROWER
$5495 1 Only

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AVCO VM Diesel
From 20 to 300 HP

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8 Miles East of Lancaster
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FARM EQUIPMENT | FARM EQUIPMENT

NEW TRACTORS

1-JD 850, 2 wheel drive	$5000
1-JD 950, 2 wheel drive	$5800
1-JD 2940	
1-JD 4040	
1-JD 4240	

NEW MACHINERY

1 - Century 300 gal. sprayer	$1700
1 - JD 660 Spreader	
2 - JD 680 Spreaders	
JD 2420 Windrower Diesel	
JD 235 17' Disc	
JD 235 19' Disc	
JD 1207 Mower Conditioner	$4800
JD 1209 Mower Conditioner	$5400
JD 950 12' Roller Harrow	$4100
JD 950 15' Roller Harrow	$5100
Several model 2600 & 2800 plows, 3 bottom, 4 bottom & 5 bottom, 16" & 18"	

USED MACHINERY

IHC 100 Hydro Tractor 1974, motor overhauled & hydro	$15,000
1976 MF 750 combine with 14' grain head and 44 corn head motor has been overhauled, 3/1/81	$30,000
JD 343 Corn Head	$2500
JD 7000 Planter, 6-row narrow	$7995
IHC 400 4R Planter	$3500
IHC 400 6R Planter	$3500
IHC 400 4R Air Planter, 1 year old	$4500
NH 271 Baler	$975
Oliver 520 Baler & Thrower	$975
1-V802 Lely Roterra	$2000
IHC 470 20' Fold Disk Harrow	$2000
IHC 470 Disk 20 ft.	$1500
Massey Disk, 12 ft.	$1200
JD 145 Plow, 5B 16"	$1800

WALTER'S SALES AND SERVICE
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717-966-3778
JD Agricultural Dealer and CP

FARM EQUIPMENT

USED COMBINES

JD 6600 sidehill w/12' platform & 643 or 444 corn head
JD 105 corn special diesel, cab, air w/13' platform, w/634N or 434W corn head
JD 55 gas, square back, cab, air, 12' platform & 235 corn head
M.H 750, cab, air, 2 years old, like new, 13' platform, flex head. Model 63-C corn head

USED BALERS

Model 224T w/throwers
Model 24T w/thrower
Model 14T w/thrower
N.H. 269 w/thrower
N.H. 278 less thrower
N.H. 68 w/thrower

NEW EQUIPMENT

Woods model M5, 5 ft., 3 pt. rotary mower $695.00
Woods model M60, 5 ft., 3 pt. rotary mower $795.00
Little Giant 34 ft. elevator $1,800.00
Little Giant 42 ft. elevator $2,200.00

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NEW EQUIPMENT

New Tractors
JD 4440 Quad, PS, S-guard
JD 4240, Quad, S guard
JD 4240 w/PS & S guard
JD 950
JD 850
JD 750

USED COMBINES

JD 7700 w/14' plat
JD 6600 w/444 4 RW corn head
Massey 300 w/cab & 13' platform, 3 RW head
708 NI power unit, like new w/hydrostatic cab & air

NEW FORAGE HARVESTERS

JD 3960 w/3 RC & hay pickup
JD 3940 w/2 RC & hay pickup

USED CORN PLANTERS

JD 1240 4R plateless w/dry fert & insect att
Ford 309 4R plateless w/dry fert & insect att
JD 7000 6 RN plateless w/dry fert & insect att
JD 494 4 RN planter
Oliver 4-row plate type w/dry fert att

USED TRACTORS

JD 3010 RU gas w/46A loader
(2) JD 3020 diesels
JD 2520 gas
JD 2940
JD 2840
JD 2640 HU D, hi lo
JD 2440 HU D, hi lo
JD 2630 HU diesel
JD 2010 gas RC
IHC 656 diesel hydro, exc
Massey 65 w/loader

USED HARVESTERS & HAY TOOLS

JD 16A flail chopper
JD 15A flail chopper
JD 34 w/2 RC & hay pickup
JD 38 w/2 RCN & hay pickup
JD 3800 w/2 RCN & hay pickup
NH 707 3 pt hookup w/RC attach
JD 336 baler
JD 24T baler

USED DISC HARROWS

JD BWF 14' disc harrow
JD AW 15' disc harrow
JD KBA 28 disc harrow
JD KBA 24 disc harrow
JD 220, 17'1"
JD F950 12' roller harrow

SPECIAL PRICES ON ALL NEW IDEA SPREADERS & HAY TOOLS WITH FACTORY REBATES

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Farmall F300
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IHC 544 Gas Tractor
IH 544 Dsl. Hydro.
IHC 574 Dsl. Tractor, 913 hrs.
IHC 606 Diesel
IHC 656 Diesel
IHC 706 Diesel
IHC 706 Gas.
White 2-105
Case 830 Diesel
JD 1520 Gas
Ford 801 Diesel
David Brown 995 Diesel
Minn. Moline 5 Star Gas
Nuffied 460 Dsl. Tractor
Case 450 Diesel Crawler w/hyd. blade

USED EQUIPMENT

Fox 3000 Forage Harvester
Fox 1000 Forage Harvester
Fox 546 Forage Harvester
IHC 650 Forage Harvester
IHC 16 Forage Harvester
IHC 350 Forage Harvester
JD 34 Forge Harvester
IH 56 4R Planter w/Fert.
IH 58 6R 38" Planter w/Liquid Fert.
IH 249 2R Planter
IH 400 4R 38" Air Planter
IH 400 6R 30" Planter
IH 449 4R Planter
AC 600 4R No-Till Planter
Cole MX12 3 pt. Planter
JD 290 2R Planter
JD 494A R Planter, dry fert.
JD 1240 4R 38" Planter
JD 1240 4R 30" Planter
Oliver 2R 36" Pull Type Planter
Brady 722 Flail Chopper
Brady 608 Flail Chopper
IHC 46 Baler
JD 24T Baler w/thrower
NH 269 Baler w/thrower
IHC 225 Windrower 10'
Hesston 1014 Hydra. Swing Windrower
OMC 217 9' Windrower
Gehl 440 9' Windrower
NI 270 Cut/ditioner 7'
NH 479 Haybine 9'
Ford #14 - 9B 7'3 pt. Sickle Mower
IHC 1000 Sickle Bar Mower
JD 39 3 pt. Sickle Mower
Oliver #2 4 Bar Rake
IH MF 16x7 Comb. Grain Drill
JD GL 9x8 Grass Land Seeder
JD FBB 13x7 Grain Drill
Gehl 2500 Skid Loader
Bobcat M600 Skid Loader
JD #70 Skid Loader
IHC 2000 Loader
IH 2250 Loader

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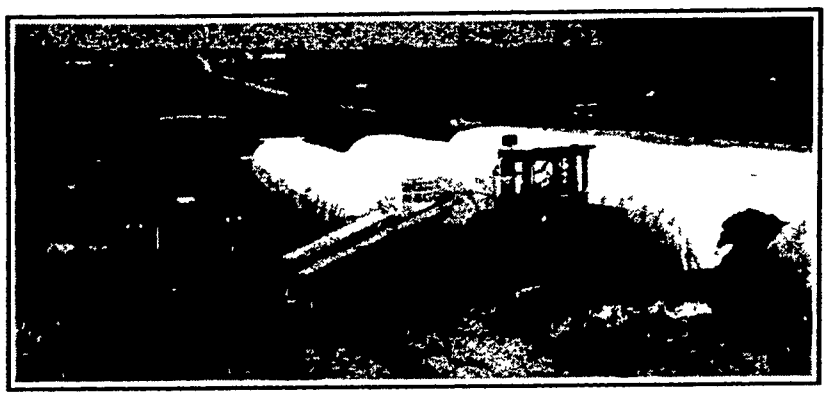

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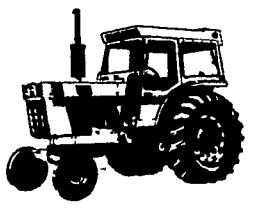

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IH 384
IH 584 Std.
IH 684
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IH H 84
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Farmall 504
Farmall 544 w/3000 Loader
Farmall 656
Farmall 766D
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IH 656
IH 444
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JD 435 diesel
JD 520
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Oliver Super 88
Ford 9N
JD M w/cultivator

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IH 400 cyclo, no-till
IH 400 cyclo, regular
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MF 2-row
Oliver 4-row
JD 494A 4-row
JD 246 2-row

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Haban corn sheller (like new)
JD 700 grinder
NH 512 spreader
JD 34 spreader
JD 830 windrower
NH 1469 windrower

Special This Month
NEW HESSTON 1090 MOWER CONDITIONER
$4850

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- 3 - 5 wheel 3 pt. Vicon Rakes
- 2 - 6 wheel trailer Vicon Rakes
- 1 - 15' Vicon Power Harrow
- 1 - KM 240 Mower Conditioner
- 1 - OM 240 Mower Conditioner
- 1 - CM 240 Mower 3 pt.
- 2 - 1900 lb. Vicon Spreader-Seeders

We Have In Stock
New Vermeer Balers and
Mobile Irrigation Equipment
for water or manure.

Just Arrived...
VERMEER MOWER CONDITIONERS

SPECIAL ON
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Vicon Spreader-Seeder 1400 lbs.
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Hesston 10 Stackhand & Mover
New Holland #275 Baler
New Holland 277 Baler
John Deere #1209 Mower Conditioner
John Deere Single Chain Bale Elevators
2 - Bale King Wagons
Farmhand Wheel Rake
Vermeer Twin Rake
1 - Demo 15' Vicon Power Harrow
Vermeer Demo Irrigation Traveler

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JD 5460 Diesel Harvester w/air cond., power rear wheels, 7' pickup, 3 row corn head with new style power mizer cutter head
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SPECIAL
$72,892

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4400 DIESEL COMBINE 1100 hrs., 15' grain platform, 4 row Corn Head, excellent condition, $35,000
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Rebuilt TA assemblies in stock for IH tractors, New and Rebuilt; Water Pumps, Dynalife clutches, pressure plates, and PTO drive shafts (are spline fitted into pressure plate, IN STOCK for tractors A, B, C through 1586, also for most models of IH combines

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Parts Locating Service Available
Please have part no when calling if possible

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Tractors - IH W6, 340, 350, 460 400 450, 560, 660, 806, 1066 w/good hydro Pony motor for JD 720
Combines IH 203, JD 30 and 40 MF 35, Uni 701 705 710 Also Hesston self propelled 600 haybine

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IH 986 w/Cab, Only 665 Hrs.
JD 1209 Mower Conditioners, $5500
Free Finance Til Oct. '81
John Deere 7000 No Til Corn Planter

USED FARM EQUIPMENT

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Farmall M Tractor
Fox 2R Forage Harvester
JD 215 Grain Platform, like new
NH 880 R2 Head
NH Grain Dryer
JD 3300 Combine
Oliver Side Rake
NI Side Rake
JD Side Rake
JD 16A Flail Chopper
NH 1010 Auto Bale Wagon
JD 24T Baler
JD 14T Baler
JD 24T Baler w/#30 Ejector
NH 271 & 269 Balers w/Throwers
OMC 9' Mower Conditioner
McCurdy Gravity Box w/JD running gear and flotation tires
JD 707 4-Row Rotary Mower
JD Hay Crimper
NH 469 Haybines
15 HP 3 phase elec Motor
JD 7000 No-Till Pltr
JD 1240 Corn Planter
JD 1260 Corn Planter
JD 494A Corn Planter
1970 Ford 1 Ton Stake

FREE FINANCE on JD Hay and Forage Equipment, also NH Hay and Forage Equipment.

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JD 4440 Tractor, QR & SR
JD 4240 Tractor, 4 Post, Roll Guard
JD 4040 Tractor
JD 2940 Tractor
JD 2940 w/MF WD
JD 1050 Tractor
JD 950 Tractor
JD 300 Husker
JD 1209 Mower Conditioner
NH 38 Flail Chopper
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
NH 718 Fg Harvester
NH 892 Fg Harvester w/Metal Detector
JD 3940 & 3960 Fg Harvester
JD 336 & 337 Balers
NH 315 & 320 Balers
JD 2420 Sp 12' Dsl Mower Conditioner
NH 1495 SP, 489 & 495 Haybines
JD 210, 215, & 235 Disc Harrows
JD 336 Lever Harrows
Bobcat Skid Steer Loaders 530, 642, & 731
NH 679 Spreader
JD 392 Spin Spreaders
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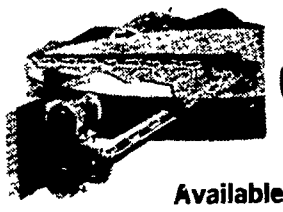

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Available June 1, 1981

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~~$6,840~~ List Price **$6,540** Special Price
Cash Terms
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FOR
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2 GT 450 grain dryers, excellent condition, $8,000 for both 703-777-5134

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(1) M&W 450 (450 BPH)
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All of these dryers in operation condition, and either electric motor or PTO drive.

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Surge Alamo 85+ milker pump with 5 hp. motor, like new $975, 717-354-0266

For Sale - Ivanhoe Purebred stock bull, 2 springing Holstein heifers, 2 h.p. electric motors, Surge Alamo 30 plus vacuum pump. 717-964-3474.

For Sale - 650 gal bulk tank with compressor. 215 297-8779

For Sale - Surge milking parlor with QTO milkers, excellent condition, also Ross Holms milking parlor, 215-827-7180 8 a m - 5 p.m after 5 215-827-9384

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For Sale - Outside calf hutches w/metal roofs & feeders. Stoltzfus Woodwork, RD2 Gap, PA 17527 along 897. 717-442-8972

For Sale - Quality Calf hutches, including bucket rack, hay rack and trough Randy Stoltzfus, Mt. Joy 717-653-4448

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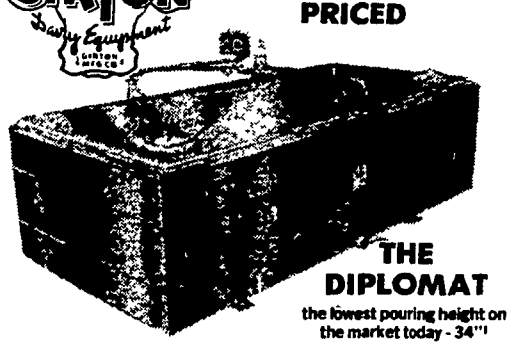

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We will continue in sales, service & parts for the Bodmin milker Our new phone # as of June 1 will be 717-859-3863

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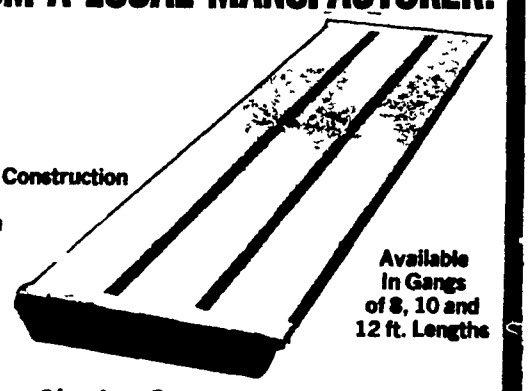

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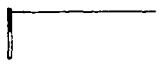

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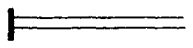

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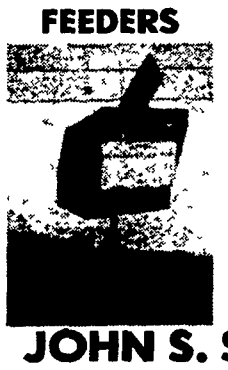

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108 Angus cows and 2 bulls, cows due to Start calving June 15 w/2nd & 3rd calf, Herd is uniform in size, average approx 1100 lb $500 each 301-838-5883

Sale or Trade - Registered Black Angus bull, 14 mo., good disposition, aggressive Dynamo breeding 717 548-3414

4 Registered bred heifers, Betty Chief bred to Creek, dam is VG with 20,000M Sired by Seiling Rockman Granddam also VG Job dau bred to Jemini, dam by Elevation over 20,000, 2 springing heifers, that have 2 + dams with records to 20,000 Heifers are big, Call 717-529-2950 Dunwood Farm Chester Co

For Sale - Registered Holstein bulls for herd sires which are maternal brothers to bulls in studs Also fresh & springing heifers for summer & fall milk Bulls & heifers out of 20,000 lb Dams or better. Shelmar-Acres 717-653 5663

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For Sale - 2 yr old Registered Charolais bull, $1000 Fleetwood, Pa 215-944-8464

Beef cows with calves, cows mostly Angus cross, calves all 50% or higher Limousin, heifers can be registered, 717-766-9812, 766 2954

4 Holstein Heifers, ready to calve Will trade on smaller heifers, 215-593-5665

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Service age registered polled Hereford bulls, also spring calving cows and heifers, top bloodlines, farmer prices W Paul Halsey and Son, Harford Co, Pylesville, MD 301-452-8621

For Sale - Simmental cattle, 3 ¾ Simmental cows, 3 ¾ yearling heifers, 2 purebred Simmental cows, all A1 sires, Bradford Co 717-297-3528

For Sale - Registered Black Angus Bulls, 2 yearlings, one 4 yr, Marshall breeding, modern kind ready to go Berks Co. 215-689-4124 or 689-9168 eves

7 Angus brood cows to calf soon with P B Simmental bull, Parisien blood, Registered Price for 8, $8100. Serious quality buyers only 814-857-7852 after 9 P M

For Sale - by Owner - 48 dairy cows with DHIA records, 14,856 milk, 3 8 butter fat & 575 fat Young tame herd, $1300 ea Will not split herd 717-362-9574

LIMOUSIN cows for sale, 50% and 75% Some with calves Yearling bulls & heifers Some polled Richard McDonald, Jr 717-532-4298 Shippensburg.

For Sale - Registered Holstein bull, ready for heavy service Sired by Bootmaker Dam classified excellent, with records from 22,240m, 3 8%, 860f to 23,978m, 4 0% 952f David E Roth, Jr, Loysville, Pa 17047, 717-789-3219

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For Sale - 21 Limousin cross cows/with calves at side 2 - 4 yr old Limousin bulls (full blood, ¾) 5 yearling heifers. 301-489-4933 after dark

6 reg ½ or ¾% Simmental cows and calves, call after 7 p m 301-293-2061

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Registered Holstein bulls, 1 year old and younger Out of dams with records to 24,000 milk and 900 fat Stump Acres 717-792-3216 York County

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Wanted - Entire dairy herd, also, bred Holstein heifers Will pay $25 more per head than the going price Don't sell until you call me. Call collect - Reuben Greenberg, Inc., Columbus, NJ 609-298-1021

Wanted - Herd of dairy cows or heifers, 301-358-0412

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Registered Holstein bull, 1 yr. old 1-16-81, Dam top cow, last record 326d 23,000M 996F, Maternal sister almost as good, over 950F 301-348-5640.

For Rent - Dairy cows & heifers with option to buy Write P O Box 145, Cordorus, Pa 17311

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For Sale - 25 feeder heifers, Ph 215-287-7878

Beautiful Holstein Calves, 20-7 months old, vaccinated, wormed, dehorned $525 Call evenings except Mondays and Thursdays 814-894-2755

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1 herd of 50 cows with good udders, Summer and Fall cows, your choice of 30 or more Averaging over 50 lbs per cow per day. 717-393-0930

15 bred heifers due Sept & Oct, bred to Skyline Jerri Star. Call 215-377-4549 after 3 30 p m Carbon Co

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SHEEP & GOATS

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For Sale - 1 pair gray work horses, broke, good workers, buy one or 2 David S Smucker, Rd 2, Box 176, East Earl, PA 17519, Lancaster Co, 2 miles north of Churchtown

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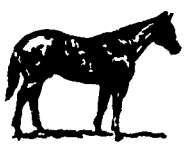
Wanted - Japanese army saddles, canvas underside, brass trimmed extension out of cantle. 609-478-2487

JEN-AIR ACRES



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SHEEP & GOATS

Purebred Rambouillet breeding stock for sale. Call 607-334-5431 Berry Hill Farms

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For Sale - Sheep, 25 Suffolk, 814-667-3594

For Sale - 5 to 10 Grade ewes & a ram 215-485-7525 after 12 Noon

2 Hampshire spring ewe lambs, (1) 2 yr old Hampshire ewe 717-626-6788

For Sale - Kid Buck goat, Alpine black and white from registered stock Virginia Struble, Spring Mills, Pa 16875 Phone 814-364-1131

For Sale - 2 sheep, on spring lamb & one yearling Omar S Fisher, R.D 1, Ronks, Pa

For Sale - 3 mo old Toggenburg doe & a Oberhasli (Red & Black) yearling milker. Contact Waterhouse Herd, Palmerton, Pa 215-381-3227

Grade Suffolk sheep, 10 ewes, 2 and 3 yrs old, 1 yearling ram, $75 each Days - 215-723-0912 Evenings 215-257-8902

Quality Suffolk twin ewe lambs born Jan and Feb also Western Cross breeding ewes and Suffolk ewes. 717-648-3618

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Buying Wool, any quality fleeces need not be tied.
West Earl Woolen Mill
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SHEEP & GOATS

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Purebred registered Nubian dairy goats for superior milk flavor and digestability Top pedigrees Various ages, both sexes available Gettysburg, 717-334-7993

SHEEP & GOATS

For Sale - Milking does, 1 grade Toggenburg, 1 grade Nubian, also 4 2 mo old kids, 717-529-2528

For Sale - 500 ewe, mostly suffolks John F Stamy 717-776-5264

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318 head of exceptional straight Rambouillets from New Mexico $120 00 per head

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SAT., JUNE 6
1 p.m.
MANAGEMENT WORKSHOP
10 a.m. - 12 Noon
ewe lambs,
yearlings,
proven mature ewes
PRODUCTION RECORDS
CROSSBREEDS:
Finns, Suffolks, Rambouillets, Coopworths, and a few black sheep
SALE PLACE:
Merry Peep O'Day
2015 Frazer Rd.
Knoxville, MD 21758
Jim & Bambi Prigel
Sale Managers
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(301) 834-8118

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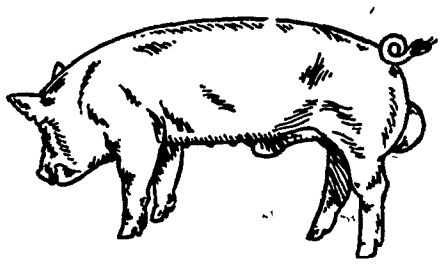

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For Sale
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from production tested sires **Crossbred gilts** from Landrace or Yorkshire sired litters Crossbred litters maintain a 9 plus weaning average over 400 litters per year
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RATE OF GAIN
MOTHERING ABILITY
SPECIALS:
3 to 5 young boars - $100
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50 cross & purebred gilts market price plus $50, 12 plus usable teats
Service age boars available at all times
We Will Deliver
Here are a few FACTS about OUR YORK HERD
1 - Sows wean 10, gilts wean 8
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3 - Market hogs reach 220 lbs. between 5 & 5½ mos.
4 - Our mothers are squatters - less than 1% babies mashed
5 - Hogs marketed at Hatfield 98% No. 1's
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R.D. 2, Box 55C
Townsend, DE 19734
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QUALITY - Our hogs are marketed at Hatfield Packing Co. 95% #1. No T.B.

PRODUCTION 1979 - 131 Litters, wean ave. 11.3. 1980 - 97 litters, wean ave. 11.5 1981 - 32 litters, ave. wean 11.3.

FEED EFFICIENCY 1976 PA State Test Station Most efficient pen purebred hogs 2.96# feed/lb. gain. 1979 top boar, PA State Test Station, 2.63# feed/lb. gain. 1980 Top Boar Delaware test station 2.24# feed/lb. gain.

HEALTH Vaccinated against Lepto, Erysipelas, and Rhinitis, Brucellosis free herd #101. Negative tested for Pseudorabies.

Approx. 100 boars available at all times.

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Ralph Predmore, Mount Bethel, PA	1 Top Choice
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Fast Growing Pigs	Good Mothers

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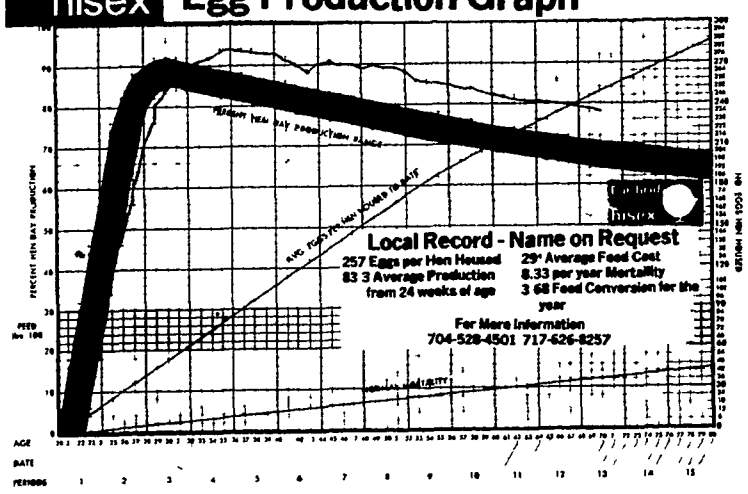
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HELP WANTED

Wanted - Person experienced in beef cattle management for farm in Southcentral Pennsylvania Must have knowledge of crops & equipment House provided, good salary & benefits Reply box 366 L-149, c/o Lancaster Farming, Lititz, Pa 17543

Tenant farmer needed 2 bedroom house available Write to P O Box 6345, Linglestown, Pa 17112 or call 717-545-0314

Couple Wanted - Herdsman & Wife for beef cattle operation, good salary, benefits, housing, Apply J B. Farm, Rd 2, Douglassville, PA 215-689-9565

Wanted - Person to work on farm House provided Call 717-533-2322

Wanted - Cook's helper for small PA Guest ranch, Live in summer employment Chestnut Hill Ranch, Rd , Shinglehouse, PA 16748, 814-698-2400

Wanted - Christian salesman for a growing agricultural machinery dealership, must be aggressive & experienced in sales & use of farm machinery Send Resume to P O Box 366 R-54, c/o Lancaster Farming, Lititz, Pa 17543

Wanted - Person or couple (Husband & wife or father & son) to milk on large dairy farm in Baltimore Co, MD - willing to assume responsibilities of night milking Salary and benefits commensurate with ability 301-239-7326 or 301-239-3393

Bryncoed Farm is looking for person experienced in general dairy and farm work, home and many benefits, Call 215-827-7180 between 8 a m - 5 p m or 215-827-9384 eves

Woman or man, plain preferred, to straighten up and keep parts in order around farm buildings and machine shop, 4 days a week Pleasant surroundings, transportation provided, must be from Honey Brook to Cains area 215-384-4140 or write Box 552, Coatesville, Pa 19320

Housekeeping - couple to live-in, Bucks Co , family seeks a reliable English speaking couple to do the general housekeeping, cooking and light maintenance at their Newtown Residence Drivers license required, experience preferred, must have current references Private quarters, salary, benefits Reply to Box 308, Langhorne PA 19047

HELP WANTED

Experienced person with family to run 200 cow modern dairy operation Salary based on qualifications 301-874-5229

HELP WANTED

Wanted - Summer help for small PA guest ranch Housekeeping, waitressing, live in, must be a minimum 18, Chestnut Hill Ranch, Rd., Shinglehouse, PA 16748 814-698-2400

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R.D. #6, Long Lane Rd.
Lancaster, Pa. 17603
Ph: 717-872-7342

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Farm Credit Banks of Baltimore, a leading agricultural lending institution has an outstanding career opportunity for an individual experienced in agricultural financial analysis.

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FARM CREDIT BANKS OF BALTIMORE
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HELP WANTED

Area Sales Manager position Aggressive, creative & highly motivated person to sell field-bottom unloading silos in 16 County area Prefer Bedford-Fulton Co. residence as this would be the center of the area. Must have agricultural background & have at least 10 yrs. of successful selling of agriculture products Pay & benefits commensurate with ability, experience & productivity Reply to Box 366 JH-137, c/o Lancaster Farming, Lititz, Pa 17543.

WANTED
SALES MANAGER

Aggressive, creative & highly motivated sales manager to manage a selling team who are marketing a concrete-oxygen controlled silage management position Basic responsibility will be to implement our marketing plan with special emphasis on the recruitment & training of salesman Sales management experience is essential A background in animal nutrition helpful Salary commensurate with experience

Send Resume to
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Lancaster Farming
Lititz, Pa. 17543

SITUATIONS WANTED

Farm Manager for large crop & beef or dairy replacement Experienced with large operations Education, extensive agriculture & farm background Excellent references Absentee owner preferred Write to P O Box 366 J 172, c/o Lancaster Farming, Lititz, Pa 17543

Single male, 35, looking for Summer employment working with beef cows, horses or hogs Write to Mike Meininger, 338 Jefferson Road, Pittsburgh, Pa 15235

3rd year female college student desires summer employment milking cows, prefers working in parlor, live-in available now thru August, references 814-847-2420

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1970 IHC 1700 - 24' Henderson Roll Back PS. Good $8500 00 5800 Gallon Stainless Steel Tanker $7,800 00 1974 Case 850 B Loader $10,500 00 J D. 450 - 6 Way Dozer $9500 00. 1972 IHC, 20' Log Bunks Prentice G Loader $13,500.00 John Deere 540A Log Skidder $9500.00 28' Alum Tandem Dump $6500.00. 1975 Ford Louisville 9000 Tractor $9500 00 1973 F750 Ford 14' Grain Dump $4500 00, Others, Trade, Finance 814-793-2829 Curry Supply Martinsburg, Penna

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1972 Honda CB350, good condition $400, 717-456-5302

18' Ideal craft boat with 100 hp Johnson outboard motor, Ellis Griffith, Rd , Broad Top PA 16621 814-448-3336 Huntingdon Co

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Service Station/Garage, 4 bays, includes 2 lifts, 2 air compressors, pumps and tanks, large frontage on Main St., approx 1 acre, suitable for used car lot, laundromat, store and many other businesses, lots of parking, in the 50's Owner will help finance, Delta-York Co , PA 717-456-5949 6 30 a m - 5 30 p m 717-456-5169 5.30 p m - 8 30 p m

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TRUCKS & TRAILERS

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JD 310 backhoe, 1972, one owner, new tires, 2900 hrs , very good condition, $10,800, make offer, 1971 IH 2050 diesel, IH V8 tandem power steering, 14' steel dump, 56,000 GVW, 20 speed, good condition, 184 W B , $6,800, will sell with or without dump body, air lift axle, pusher type, $400 Franklin Co 717-532-7002 after 6 p m

For Sale - 1972 Int pickup, $450, 1965 F350 Ford motor and transmission, $175, 3 point hitch for Oliver 88, Oliver 1800 gas tank, $30, Case forage chopper, $75, 4 wheel trailer, $75 717-444-3968

1973 Hanover Gooseneck trailer, 8x 16 flatbed with cattle racks, electric brakes, in good shape. 717-442-8126 Lancaster Co

For Sale - 1973 Ford F100 pickup, 717-738-1857

(3) 8 25-15 truck tires and tubes, 12-14 P R hardly used $75.00 each 215-286 5146

For Sale - new 14' steel dump bed, 1968 White 4000 with 250 Cummins, 10 speed, 38,000 rears, 75 Tibrook alum dump trailer, 28' with 29' frame, air tail gate 814-448-3098 or 448-2260

Wanted - Tag-a-Long type equipment trailer, 12 to 15 ton capacity 301-374-2273

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4 RF 200 IH tandem truck, 450 engine, 5 main 3 aux., 12F 34R P.S., 106 CA $3000 each, 1 White tandem tractor, V8 gas, 5 main, 2 speed rear, air tandem axle $2000, 2 White tandem dumps, 5 main 3 aux 12F 34R 6 C Y engine $3000 each, John Stapf Corp Harrisburg, PA 717-234-6281

1977 Kenworth cabover, twin screw with 290 Cummins, 10 speed, 10 new tires, 45' Wilson cattle trailer, call 201-479-6372

For Sale - 2 horse trailer, dressing room or stock trailer $1800 717-964-2098 eve

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1968 Ford F600, 20,000 GVW, 20" rubber, 12' stake, app 25,000 miles on new engine block, class 3 trailer hitch, 4 speed. 215-967-5292

1963 Diamond Reo Truck, single axle, model 990, with 250 cummins 10 00x20 rubber, priced to sell 1951 Ford pickup F-100 good running condition needs body work, Fraxer rototiller, 10 hp , completely rebuilt 717-872-5372 after 6 p m.

1972 Chev pickup, 8' bed, ¾ ton, good condition, 717-859-1662

74 GMC 1 ton dual wheel, will take 12' body, Lackawana Co. 717-586-4061

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361 V8 engine, auto. transmission, power steering, AM radio, 9.00x20 tires, 26,000 license

1975 IHC 7½' DUMP BODY 1600
345 V8 engines, 4 speed trans., power steering, 8:25x20 tires, exceptionally clean, transmission overhauled.

1975 IHC 20' VAN W/LG 1750
175 Cat diesel, 5 speed transmission 2 speed rear ps, 9:00x20 tires, 26,000 licence, interior has pipe racks for garments.

1975 FORD 16' CAB & CHASSIS LN7000
175 HP Cat. diesel engine, 5 speed transmission, 2 speed rear, PS, AM radio, dual 50 gal. tanks, and new paint.

1975 CHEVROLET 20' & 22' VANS TE67
with or without lift gates, 366 V8 engine, 5 speed or automatic transmission, power steering, radio, new paint.

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1976 PETERBILT TRACTOR 352S86
350 Cummins, 13 speed trans air conditioning, power steering, new paint & recent overhaul, tandem axle diesel sleeper.

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14' ALUMINUM VAN BODY
1974 Morgan, pre-painted aluminum panels, overhead rear door, curb-side door, slatted interior, new paint, with lift gate.

14' REFRIGERATED VAN BODY
1975 Duralite aluminum smooth skin, extruded aluminum floor, new paint, XMT20D thermoking unit with electric standby.

Complete maintenance records available for inspection. Other makes, Models & types to choose from.

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1979 Jeep J10 Pickup, 360 V8, A, PS, PB, AM-FM, Sliding Rear Window, White Spoke Wheels, 2 Tone Paint..... $5995

1979 Chevy Blazer Cheyenne, V8, Auto., PS, PB, AM-FM... $6995

1979 Blazer, 350 V8, 4 Speed, PS, PB, Air Cond., Radio, White Spoke Wheels, 31 gal. fuel tank $6995

1977 Chevy Bonanza Pickup, 400 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, Tilt Wheel $5495

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VANS

1980 Ford, Long Wheel Base, 6 Cyl., Auto., PS, PB, Radio, Twin Fuel Tanks..... $6995

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1978 Dodge Panel Van, Short Wheel Base, 6 Cyl., St. Shift, PS, AM-FM, 37,000 Miles $4695

1977 Ford F150, Econoline, V8, Auto, PS, PB..... $3795

1974 Chevy ¾ Ton 5 Pass. Sport Van, 350 V8, Auto., PS, PB, Air Cond., AM-FM 8-Track, 29,000 Orig. Miles, Beautiful Cond. $3995

1973 Dodge 8 Pass., Window Van, 318 V8, Stand. Shift, PS, PB..... $3295

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1980 Toyota ¾ Ton Long Bed, 4 Cyl., 4 Speed, AM Radio $6495

1979 Toyota, 4 Cyl., 4 Speed, PB, Air Cond., AM-FM, Cap, 26,000 Miles $5995

1979 Ford F100, 6 cyl., Auto., PS, AM-FM, Cap..... $5695

1979 Ford F100 Shortbed Stepside, 351 V8, A, PS, PB, AC, AM-FM & Tape, White Spoke Wheels, Red Truck with White Pin Striping..... $6295

1979 Chevy C10, 250, 6 Cyl., PS, PB, A, AM-FM Radio, 24,000 Mi., Like New. $5895

1979 Ford F150, 351, V8, Standard Shift, PS, PB, AM Radio..... $5495

1979 Chevy C10 Cheyenne, 305 V8, Auto., PS, PB, AM Radio, 2 Tone Paint, Cap..... $5985

1979 Ford F250, V8, Auto., PS, PB, AM Radio.... $4995

1978 Chevy C20, 350 V8, 4 Speed, PS, PB, AM Radio, 7100 GVW..... $4895

1978 Chevy C20, 350 V8, Auto., PS, PB, AM Radio.... $4995

1978 Chevy Luv, 4 Cyl., Auto, Air Cond., AM-FM, 7' Bed... $4995

1978 Ford F100, 6 Cyl., Stick... $4295

1978 Ford F100, 6 Cyl., Auto., PS, PB, AM Radio, Cap, 2 Tone Paint..... $5495

1977 Toyota Long Bed, 4 Cyl., 4 Speed, PB, AC, AM Radio, Cap $4995

1977 Ford F100, 302 V8, Auto., PS, Air Cond., AM Radio..... $4495

1977 Dodge D100, 318 V8, A, PS, PB, AC, AM Radio, Adventurer Package..... $3995

1977 Dodge 200, V8, Auto., PS, PB, Radio $2995

1977 Chevy C10 Scottsdale, 6 Cyl., St Shift, PS, AM-FM & Tape $4295

1975 Ford F250, 360 V8, 4 Speed, PS, PB, AM Radio, Cap $2895

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71 Rogers 35 ton lowboy with Beavertail and 10.00x15 tires, 703-837-2335, 837-1428

1975 Ford Van E-150, excellent condition, PS, PB, auto trans, AM/FM stereo 8 track, 300 cu in, 6 cyl customized interior, dual battery system, asking $2300, 717-456-5302

Cattle body, 12' wood with calf box and 8000 lb Warn winch, installed on your truck $2250, J R Opp Co 717-546-3397

For Sale - 1972 ¾ ton International pickup, 30,000 miles, very good condition, $1200 Adams Co 717-528-4889

For Sale - 1970 Ford F1000 with sleeper, 250 Cummins engine with 10 speed, tandem axle, $3900 1970 Ford, rebuilt gas engine, single axle, $2900 717-866-4906.

For Sale - 75 Dodge crew cab pickup with cap, 66,000 miles, good condition $1895, 717-548-2559

1975 GMC 6500 427 engine, air brakes, 20' grain body, 48" sides, low mileage, 609-935-4179

TRUCKS & TRAILERS

75 Chevy (C-60) truck, 78 motor, aluminum 21' bed, 8' cab rack and end lift gate $5900. Fruehauf 36' semi trailer, single axle, good condition $1295 Lebanon Co 717-273-6018

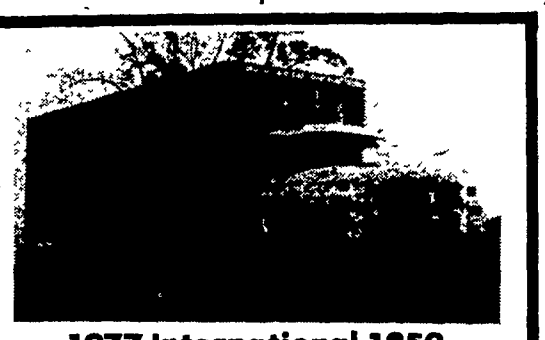
Army truck, 2½ ton, diesel, all wheel drive, tandem axles with 5 speed trans, high & low range, front mounted winch, 900 x 20 tires, low mileage, very good condition $3800 firm 609-769-3183

For Sale - 1971 1890 Int 345 V-8, 5 & 2 speed, 10 00 x 20 tires, rebuilt engine, will take a 16' body, will sell with or without body 1971 Int tractor, 5 & 2 speed, 10 00 x 20 tires, air brakes 301-877-9889

GMC 6x6 truck, tandem axle, all wheel drive, 90% restored new, sell or trade for freight trailer, 301-774-6583

1974 Stoltzfus dry lime and fertilizer spreader box for truck, 10', full hyd, air lift boom 215 593-2495 eves

For Sale - 1950 Int truck, cab & chassis, good condition 717-758-8102 between 6 & 9 P M



1977 International 1850, 466 Diesel Truck
Eby Aluminum Body, 7' high inside, 25' long.
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For Sale - 20' aluminum cattle body M. H Eby, Inc, Blue Ball, Pa 717-354-4971

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1969 Int 1900 tri-axle dump truck, all good tires, 20' aluminum bed, new 549 gas motor, exc cond, $13,500 215-869-9265 after 5 P M or 869-2952 anytime

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For Sale - Sprout Waldron bulk station, 6 bins with scale Cost - $75,000 Sale - $7000 717-685-7792

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For Sale - 19' Cattle rack truck body, good shape, divider gates inside, good roof, 70 Dodge ¾ ton pickup runs good, 717 354-9595

65 Chevy 18' flat bed, 4 speed, 2 speed rear, Lackawana Co 717-586 4061

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1971 Ford cattle truck - 700 cab over - metal bed - double deck 717-665-4614

For Sale - 1973 Ford ½ ton pickup, 8' bed, 304 V-8, inspected, good tires, clean, Call Mt Gretna 717-964 3006 after 10 p m

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1978 Diplomat 4 door, full power, special $4095
1979 Chevy C10 pickup, 6 cyl, PS, with cap, only 10,200 mile, like new
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1979 2 door Omni 024 hatchback, real nice
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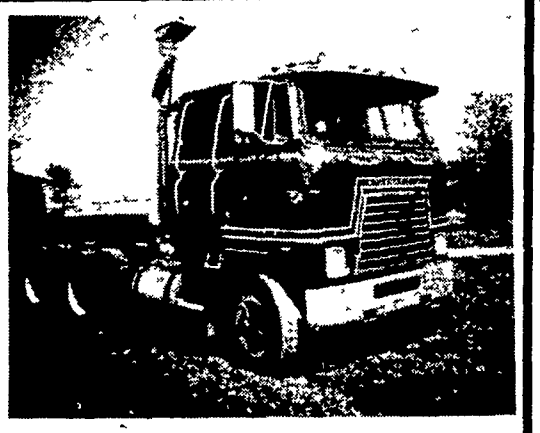

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NTC, big cam 290 Formula, RT 1110 trans., 10x20 AC, Custom interior, sliding fifth, 154" W.B.

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Need puppies, will purchase in litter lots and pickup at your farm or kennel Also, interested in breeding? Call 609-779-1660.

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Stock No 1163B- 1979 **DODGE D-100.** 6 cylinder, 4 speed 24 000 miles, power steering, power brakes vinyl interior Rear step and tow bumper Local one owner **$4395**

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Stock No 9246 **1978 DODGE W-150** 4x4 131' wheelbase 8' bed V 8 automatic power steering & brakes tan vinyl bench seat AM FM 8 track 26 000 miles Cashmere paint **$4295**

Stock No 1163B **1979 DODGE D-100,** 131' Sweptline pickup 8' bed 6 cylinder 4 speed transmission, rear step bumper Mint green with green vinyl interior Excellent condition **$4395**

Stock No 0102A **1978 DODGE D-100 SWEPTLINE PICKUP.** 131 wheelbase 8' bed Blue 6 cylinder 3 speed (on column) blue vinyl interior 22 000 miles One owner Excellent gas mileage **$3795**

Stock No 0120A **AS IS SPECIAL - 1976 JEEP CHEROKEE** station wagon Brown 89 000 miles V 8, 3 speed bucket seats vinyl interior **$2495**

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Puppies, 6 to 9 weeks old, in litter lots, Pure breeds and half breeds Cash money paid Will pickup every Wednesday For resale in my pet shop Write to Charles Hackett 3743 N 5th Street Philadelphia, PA 19140 or call between 12 noon & 6 p m Mon, Tues & Thurs only 215-229-0449 Give breed-age-color when writing Also some kind of direction Thank you

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I need Purebred and extra cute mixed litter lots, 6 to 8 weeks old Clean and healthy for resale as house pets Contact "Jo Jo The Dogman" at Roots Farmers Market, RD 1, Manheim, PA Every Tuesday 5 p m to 8 p.m (No Phone Calls)

Chain Link Dog Kennels
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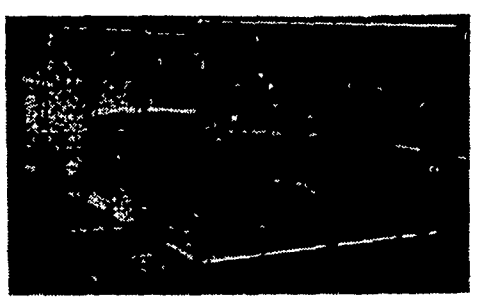

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PETS

PETS

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Will purchase in litter lots and pickup at your farm or kennel.
Breeding stock for sale.
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Eves. 609-327-3880

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Pheasant Hunting - Sept 1 - Apr 30 Eggs, Chicks, Started, Mature Reading Hunting Area, Birdsboro, Pa, R D 1, 19508 Ph 215-856-7670

For Sale - Ringneck Pheasants, hatching eggs, chicks, started and matured flyers Professional all breed bird dog training Tom Crawford, Hillendale Game Farm, Tyrone 814-684-5015

The Pennsylvania Farm Museum of Landis Valley desires to purchase approximately three (3) acres of hand-cut Balboa rye (or any other rye of equal height) for historical thatching purposes. Interested persons should either call the Farm Museum at 569-0401 or write same at 2451 Kissel Hill Road, Lancaster, Pa. 17601. Address all inquiries to Nadine A. Steinmetz

MISCELLANEOUS

Wanted - Firewood Large Quantities - Hardwoods - Logs, sliced or split-seasoned or green-will haul-fair prices paid 215-383-5044 eves

For Sale - Used bee hives Amos U Glick, 2061 Jarvis Road, Lancaster, PA 17601

New & Used steel and plastic **DRUMS**, bought and sold local and long distance deliveries Reliable Recyclers, 114 S Maple Ave, Leola, PA 717-656 4211

LOCUST POSTS FOR SALE - 7' $3 00, 8' $3 50 717-687 9044

Wanted to buy - Old wide plank attic pine flooring, no paint or stain with good condition surface, in lengths of 10' plus, need 525-550 sq ft Call Don Lefever 717-299 5201 days, 717-397-1234 evenings

For Sale - Amish buggy, rewired & repainted, good condition 717-362-8336 after 4 P M, R D 1, Box 580, Halifax, Pa 17032

For Sale - Brass Quoits for family fun, 6" diameter, wt 3 lb. Solid yellow brass sand casted $25 set of 4 Make check or money order payable to Chestnut Hill Castings. Write Box 366 R57, Lancaster Farming, Lititz, PA 17543

For Sale - Windmill, running condition, David S Esh, 25 Spring Rd, Leola, PA 17540

1 model 12 Winchester 16 gauge shotgun, $450, 1 45 long Colt revolver, $325, 1 45 long Colt single action, new, $325; 1 22 Winchester model 61, $275. 717-244-6114

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Sludge Field Applicator: 3500 gallon, (3) axle, all wheel drive diesel, new (Good Year) Flotation tires. 11,000 original miles. Contract cancelled-good price.

Sludge Tank Trailers: 5,500 gallon, Hopper type, 4" and 6" discharge, tandem axle, steel. (Lot prices available).

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Folsom, PA 19033
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MISCELLANEOUS

Pharmacist's Discovery! Male Potency Pills! $1 00 Genie, Box 4090 LF, Yuma, Arizona 85364

Packaged boiler - Cleaver Brooks #2 fuel oil, fired package boiler M100-30 150 PSI steam, 30 boiler hp 220/3/60 current, asking $2500, Phone Mr McCombs 215-436-6080 9-4 weekdays only

Large bank barn and silo suitable for pig farm, storage or any other purpose, cheap rent Elverson 215-MO7-5329

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REAL ESTATE

Potter County Tavern for sale or lease near Galeton, Pa Phone 814-435-2869

For Sale - 270 acre beef operation, 145 tillable in grain, 25 acres meadow, rest in woodland, 2 houses & barn, Juniata Co 717-436 8309

Farm for sale by owner - 290 acrs plus or minus in Bradford Co near Troy 2 houses, 40x100' bank barn, 13 hay 40x80' equipment barn, 2 streams, 1 acre reservoir, excellent hunting, currently used for beef. 717-297-3394

For Sale - By Owner - 200 A farm, 96 cleared, 70 tillable, creek, springs, fenced, cross fenced, very good buildings, milkhouse, stanchions, 10R 3B house, orchard, alfalfa, terms possible, trailer hookup, $225,000. Bedford Co. 814-784-3158

NORTHERN NEW YORK. We are offering this 400 Ac plus dairy farm for sale, Priced under $500,000 depending on what you want; Price includes complete line of almost new equipment, 91 head of cattle in D H.I.A. for over 15 YR's. Buildings in excellent condition, 347 Ac. FARM; Buildings in excellent condition, S & E. $360,000, 165 Ac. FARM equipped $115,000; 175 Ac FARM, 10 yr. old barn, stone house, second barn, country store all stocked, S.& E $250,000; ALSO HAVE hobby farms priced from $29,000 up Fournier Real Estate Gouverneur, NY. 315-287-4065

180 acre beef farm, 130 tillable, level acres, 10 secluded buildings, financing or machinery available, Corning NY, owner retiring. $125,000 607-962-6668 or 215-885-1458

125 Acre Farm, Good Land, Buildings, Location, 25 Acres with Roadstand, 50 acers with cottage, 9 acres with pond, River front Estate, Lots at desirable locations, Large commercial Garage, showroom, Livestock, poultry, grain vegetable farms, good farming areas in New Jersey What farm do you want to buy, sell, rent? Philip F Gardiner, Real Estate Broker, 609 881-7023 early morn ing EVENING

REAL ESTATE

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For Sale - 2 tracts of woodland with road frontage (1) 10 acre, (1) 19 acre Levi P. Kauffman, R D 2, Box 123, Honey Brook, Pa 19344

475 acre (plus or minus) farm in New York State overlooking St Lawrence River, complete with land, buildings, livestock, and equipment. Free stall barn with milking parlor Double family house plus tenant house $130,000 down, balance on contract Only serious inquiries Call 315 324-5395

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2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996 2022

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717-394-3047 or 717-626-1164

For Sale Perry County, 1 to 8 acre woodlots, approved PH 717-438-3115

Farm For Sale - to settle an estate, 74 acres more or less in Nine Points area Call after 3 P M 717-529-2714

HUNTINGDON CO. FARMS
192 acre hog farm, housing for 150 sow operation, farrow to finish, truck scales, 3 grain bins, will hold 35,000 bu, also storage for 2 tractor trailer loads of soybean meal, 2 story home with 5 bedrooms and bath 2nd floor, 4 rooms and ½ bath 1st floor Farm has private lane and borders large creek. Owner financing.
Colonial Real Estate Agency
814-447-5511

FARM FOR SALE - Pullet & hog operation with possible owner financing at 9½% interest Raises 51,800 birds, 2,000 hogs per batch 3 year old automated poultry house, 38'x308' Hog barn with ventilation system, large farm house & 20 acres. Fine net income. Bethel area Call Bill Snader or Jason Rutter at DERRY REALTY CO, 717-273-9351.

FARMER - INVESTOR 530 acre modern farm, York Co., PA. Approx. 400 prime tillable acres, flexible terms. Leaseback option Respond P.O. Box 61, Dallastown, PA 17313.

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"590 acre dairy farm operation for sale. 360 acres of good early corn and alfalfa soils 180 cow free stall complex, Surge parlor, 2500 gallon bulk tank, modern calf and heifer raising facilities, farm shop and several storage buildings, modern feed center, 2 Harvestore's 25 x 90 and 20 x 80, large bunker silo, free natural gas for all buildings, large modern home; 170 Holstein milkers plus 214 head of young stock, full line of modern farm machinery and equipment; can be purchased as Real Estate only or with cattle and equipment, REALTY 50, 334 West Main Street, Batavia, New York 14020, 716-343-9221 or 716-343-3616"

Eastern Bradford Co. 56 acres, beef or dairy farm, 7 room plank constructed home, black top road frontage, excellent bank barn with water, pasture is fenced, fields are good producers of hay and corn, all utilities. Owner will consider sub-dividing Donald H. Barth Real Estate, Salesman Seth Johnston 717-746-1457.

Duncannon Acreage 108 acres, 59 acres tillable, 49 acres wooded, more acreage available. Large barn negotiable Call for details $112,000 Stuart Derrick Real Estate, Inc. 717-957-2887

For Sale - Farmland, 500 acres, about 100 acres woodland, 3 complete sets of buildings. Can be purchased in one parcel or in lesser amounts Near Troxelville, Snyder Co. Park F Thomas, R D 1, Beavertown, Pa. 717-658-6544

North Baltimore Co Farm, 172 acres, 3 miles off I-83 with I-25 acres of cropland & 47 acres of woodland, some farm buildings included Also has 55 acre parcel with 39 acres tillable, $2000 per acre 301-343-0713 eves

Bradford County Large country home with barn and 33 acres, wooded area, abundance spring water supply To be sold by C - 717 265 9014

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By owner - 1½ story house, with carport, 1¾ acres woodland setting, 3 bedrooms, kitchen, living room, 2 baths Bowmansville, Lanc Co 215-445-5880

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Several large 100 cow plus dairies.

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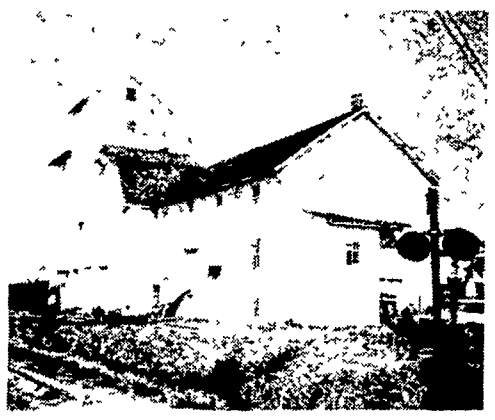

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46 acres Lancaster Co., zoned agriculture.

23 acres, 4 bay garage, lg. house, barn barn w/new roof & siding, $92,000.

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(34-T) 17 acre farmette one mile North of Gettysburg, PA. with 1½ story, 3 bedroom brick home. Horse barn, riding ring, 2 car garage, all in excellent condition. Owner financing available. $130,000.00.

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Owner asks $220,000 with liberal financing 60 cow herd with 15,500+ DHIA available

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2 STORY BRICK COLONIAL dwelling (approx. 200 years old) with bank barn on 43 A. limestone tract, 3500' road frontage East of Carlisle. $160,000.00.

Your own ESTATE on 40 A Modern frame house, bank barn, stream and road frontage - near major highways

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York 845-4810

York Co 95 acres, 80 tillable dairy farm, 2½ story frame home, bank barn, 3 silos, freestall barn and milking parlor need to be completed, $250,000 L-3546

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L-3284 Adams Co. 82 acres mostly tillable land, 2400 ft. road frontage. $124,000.

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Dan Rodgers 717-632-3468
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REAL ESTATE

REAL ESTATE

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2 Story 4 bedroom remodeled farm house, barn and outbuildings on 8 acres with spring fed pond, stream and small pear orchard $49,500.

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Ph: 814-652-5226

Ringtown Valley, 176 acres, vegetable or crop farm, 88 tillable, balance wooded, bank barn and potato storage, lg pond, 7 bedroom double house, excellent water supply, possible owner financing at 10% $150,000

Lykens Valley **Price Reduced**

160 ± acre operating dairy farm, new 40 stanchion barn plus 40x100 hay storage barn, new 20x70 silo, stream borders large 6 bedroom home, secluded $400,000

Lykens Valley - 100 + acres, large home, bank barn, 90 tillable, stream thru $240,000

Several 400-500 Acre Farms

140 + acres, 6 miles from Lykens Valley, 85 level tillable acres + 20 pasture, house and bank barn or rent with option to buy $235 000

Plain Acreage

1 acre to 22 acres

50 acres wooded mountain land, surveyed $50,000

PETER B.

CORTELYOU

Real Estate
717-758-9177

NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

TIOGA COUNTY: - 100+ AC dairy farm, 34 stalls, new barn cleaner, 20'x28' Harvestore silo on lease, bulk tank, milking equip. nice 3 br. house partially remodeled. Much much more. Priced at $83,500. W-542 PH: 717-724-5921.

JUST LISTED - 140 acre dairy farm in the heart of Tioga Co. 50 stalls, barn cleaner. 2 bulk tanks, milking units, 18 x 55 silo, 20 x 28 Harvestore, 3 bedroom house, partially remodeled, other out buildings, owner say's sell at only $140,000. W-545.

"AFFORDABLE FARM" - Overlooking the Cowanesque Dam in Tioga County, PA, on NY border, 100+ acres, approx. 40 tillable, 50 tie stall barn w/mow conveyor, 20'x60' silo, w/unloader, fair to poor house, major cleanup needed around buildings, frontage on 2 roads. Priced right at just $85,000. #M-209.

CALL OR WRITE US FOR OUR FREE LISTS!

The Real Estaters

REALTOR

Offices Area Code - 717
TIOGA & POTTER Counties call or write
WELLSBORO, 120 East Ave - 724-5921
WESTFIELD, 108 Main St 814-367-2249
MANSFIELD, RD 1, Box 41 - 662-2138

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REAL ESTATE

FARM FOR SALE

Allegany County, New York Large 4 bedroom beautiful house excellent insulated 38 stanchion barn with barn cleaner and vacuum line Horse barn with four stalls, 2 car garage with extras 45 acres, 2 ponds Ideal for cows, horses hogs sheep or just good country living Good schools, excellent library, hospital and shopping Asking $72,000 Call before 9 A M or after 6 P M or write

Gordon Prior
RD #4, Wellsville
New York 14895
716-593-3326

REAL ESTATE

REAL ESTATE

757-7811

BOB YOST inc. REALTOR

2525 EASTERN BLV'D., YORK, PA.

LONG LEVEL - YORK COUNTY
$145,000 - Built for all year fun or a weekend retreat. Double A-frame w/3 BR, 2 bath, fam. rm. w/big indoor pool, stone FP w/woodburning insert plus your own boat dock. Susquehanna's finest! (1288).

CENTRAL PA FARM LISTINGS

BEDFORD COUNTY

GENERAL FARM - 44 acres (28 tillable) SOLD story house, garage, workshop, & bank barn in good condition Small stream & pond 20 miles from Johnstown $75,900

BLAIR COUNTY

GENERAL FARM - 120 acres (106 productive, tillable, 14 woodland), near Williamsburg Solid 2-story frame house and bank barn ideally suited for livestock Buildings are centrally located on land Price reduced to $192,500

CENTRE COUNTY

FOUR LISTINGS - 2 MILES EAST OF REBERSBURG

70 ACRE GENERAL FARM — 2 Story frame house, bake shop (which could be converted to a house), bank barn, calf barn, implement shed, corn crib Combination All building new since 1970 28 acres of productive tillable land 40 acres woodland, Price reduced to $115,000

147 ACRE GENERAL FARM - 2 story stone house, 2 bank barns (one with 29 tie stalls) workshop, 12'x55' concrete stave silo, stream & pond, 80 acres tillable, 30 acres pasture, 37 acres woodland Price reduced to $175,000

NEW LISTING - 8 ACRE FARMETTE - frontage on Rt 192. Sound 2 story house, new 30' x 60' 2 story barn & garage Nice laying land Suitable for a limited acreage dairy operation with the adjacent barn listed below $64,500

NEW LISTING - 2 STORY BANK BARN, 41' x 90' with a 40' x 45' attachment The barn has 27 tie stalls & an attached milkhouse 2 silos, 12' x 50' & 10' x 35', 2 implement sheds 2 acres of land included Small additional acreage available $35,000 Adjacent to the farmette above

AMISH FARMETTE - 3 Acres, good dwelling, barn, workshop (suitable for a retail business). Buildings in good condition, joins listings above. Price reduced to $42,500

GENERAL OR LIVESTOCK FARM - 75 acres (65 tillable), log & plank constructed house, new 40x80 2 story bank barn, 14x40 concrete stave silo Between Spring Mills & Potters Mills $149,500 Partial owner financing 140 acres tillable land available for rent

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage, 2-story house, 2-car garage, very good condition Stream provides water for house and pond Excellent investment, ideal for horses or recreation $150,000 Owner financing

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2-story frame house, 40'x70' bank barn with 29'x39' attachment, 2 corn cribs Barn equipped for farrowing and finishing hogs Small stream Approximately 18 miles from State College. Complete $97,500, 75 acres + barn only - $68,500, 39 acres + barn only - $52,500.

OWNER FINANCING RATES AS LOW AS 9%

CLINTON COUNTY

LIVESTOCK FARM - 78 Acres (57 tillable) SOLD near Mill Hall, excellent 2 story house, bank barn, implement shed, 2 garages, stream $94,500

HUNTINGDON COUNTY

DAIRY FARM - 330 acres, (175 productive Hagerstown tillable, 125 pasture & 30 woodland) 3 dwellings, large bank barn with 36 tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings Dairy facilities are less than 2 yrs old Water supplied by springs $340,000 Owner Financing

JUNIATA COUNTY

SMALL FARM - 7 miles from Mifflintown on South Rt 35, 20± acres, (Approx 17 tillable acres & 1 acre of woodland), additional acreage available, good 2 story frame house, remodeled interior, 2 story barn, outbuildings, nice setting, good road frontage $89,000

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level, very productive tillable) Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams Owner financing $325,000

NORTHUMBERLAND COUNTY

GRAIN OR LIVESTOCK FARM -Near Turbotville 231 acres (174 very productive tillable). Good 2 story house, bank barn, implement sheds, & like new grain drying facilities Owner financing $344,000

UNION COUNTY

SMALL FARM - Adjoining Swengel 29 acres (26 highly productive tillable), good one story frame dwelling, good bank barn, outbuildings, pond, $84,500 Adjacent original 2 story farm house & outbuildings also available, $28,500

MANY LAND PARCELS AVAILABLE. CALL OR WRITE FOR FREE LIST.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688
(Lewisburg) Larry W. Platt (717) 568-5563
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KISSINGER LEONARD & ASSOCIATES Realtors

Frederick J. Kissinger, Realtor
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245 S. Allen St.,
State College, PA 16801
(814) 234-4000

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REAL ESTATE

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UNITED® FARM REAL ESTATE

MIFFLIN COUNTY

50 acre farm, 2 yr. old veal barn accommodating 104 calves, bank barn set up for beef, 4 bedroom rancher $94,500.

BEDFORD COUNTY

148 ACRE beef, horse or sheep farm, all bldgs. in ex. cond., nice pond, 30 acres saw timber. Good retirement choice.

250 ACRE dairy - Bank barn in good condition. 10 room house.

283 ACRE beef farm - Large barn. 4 bedroom house. Stream. 90 additional acres available.

25½ ACRES with show barn - For horses or cattle. Beef barn. 7 room house.

200 ACRE dairy - With or without stock with equipment. 4 bedroom home.

BLAIR COUNTY

175 ACRE dairy - 31 stanchion barn with room for 12 more. 4 bedroom home.

163 ACRE farm - 35 acres in oak and cherry timber, 30 stanchions barn.

HUNTINGDON COUNTY

100 acre farm, 80% tillable, barn, pond, 7 room house, $98,500.

10 ACRES with large horse or beef farm - 4 bedroom house plus 3 bedroom tenant house.

106 ACRE dairy - 15 acres in timber, stream. Excellent terms.

Other dairy farms available in Mifflin County and a 32 acre horse farm in Indiana County.

Farm Listings Needed

UNITED FARM AGENCY of PA., INC.

Real Estate

R D. #1 Box 395-D
Roaring Spring, Pa. 16673
814-224-4464

REAL ESTATE

REAL ESTATE

CENTRAL PENNA. FARMS

PERRY CO.

180 acre limestone beef, 15x30 silo, good bldgs. Call Mr. Bitting.

CUMBERLAND COUNTY

33 acre secluded, 20 wooded, no buildings, stream. Call Mr. Nissley.

FRANKLIN COUNTY

170 acre limestone dairy, 18 ties, 2 silos, financing. Call Mr. Crawford.

JUNIATA COUNTY

10.5 Acre Farmette. Modern Cape Cod house. Call Mr. Crawford.

50 Acre Hog and Poultry. Limestone and sandstone soil. Call Mr. Benner.

MIFFLIN COUNTY

118 acre limestone dairy, 87 freestalls, 3 silos. Call Mr. Crawford.

JOHN B. NIESLEY REAL ESTATE

32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

REAL ESTATE

BRADFORD COUNTY

185 acre dairy farm About 150 tillable - 47 tie stall barn, 16' concrete silo Good farm home, dead end private road setting Selling milk to day $169 000 Owner Financing

UNITED FARM AGENCY OF PA. INC.

R.D 1, Towanda, Pa 18848
717-265-5924

REAL ESTATE

REAL ESTATE

SOUTHERN NEW YORK OFFICE

JUST LISTED. STOCKED & EQUIPPED FAMILY FARM: 169 gently rolling acres, nice corn ground 37 cow barn with pipeline, cleaner, 3 unloading silos 26 tie heifer barn Neat 3 bedroom home 70 head, all machinery included at $220,000 with owner terms

CLEANED-UP THIS WOULD BE TWICE THE PRICE: 400 acres, nice location in Southern NYS, 150 acres wooded, balance open 70 tie barn, two 10 ton feed bins, feed mill, 2 silos 40x60 machine shed Two homes Owner wants all offers, asks $175,000

ABANDONED FARM: 300 acres, 200 tillable, all level Old home and barn Nice for beef, horses, investment $80,000 with negotiable terms

LOTS OF GOOD FARMS THROUGHOUT SOUTHERN NYS. FREE LISTS.

WIMPLE REAL ESTATE

TRUMANSBURG, N.Y.
607-387-9303

2 GOOD BUYS...

★ 15 Acres, Bank Barn & Large Home, Lebanon County..... $115,000

★ 47 Acre Dairy Farm with Milking Parlor, needs Fixing Up, Lebanon County..... $125,000

• These Are Priced to Sell Fast - Call Today!

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 374-3622 — OFFICE — (215) 378-1122

Longacre

DAUPHIN COUNTY

86 acre dairy farm (near Hershey), very good soil, 80T, pasture, stream, features new 100 cow free stall w/centez auto. bunk feeder & drive thru feeding. 20x70 conc. silo w/unloader & conveyor system, 2 story bank barn w/25 tie stalls, also heifer & maternity area. 800 & 400 gal. bulk tanks, 2 car garage & shop, corn crib, machine shed, lovely 2½ story home features large kitchen, formal DR, LR & playroom, 3 bdrms & bath, 2 open porches. Call for details **$360,000.**

MONTGOMERY COUNTY

75 acres, $3,500.00 per acre large amount of road frontage. **#139.**

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more A very lovely setting, **$385,000 Reduced to $300,000.**

BEDFORD COUNTY

NEW

200 Acre hog & beef farm, features good soils, nice & solid 11 room house w/bath, 108x30 hog farrowing building, 180x26 concrete building, large bank barn, 8 hog field shelters w/water & concrete floors, 12x58 house trailer & much more Call for details, asking $250,000 #326

BRADFORD COUNTY

260 acre dairy farm, 200 tillable Featuring lovely 6 room house with bath & 3 ro[SOLD]tment 50 cow tiestall barn, barn cleaner, 800 g[SOLD]ank, 18 x 55 concrete silo with unloader, 2 corn cribs, large garage **$235,000**

81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn, barn cleaner, 2 story garage & outbuildings $66,000.

79 Acres 59 open & 20 wooded w/unlimited possibilities. Only 5 minutes from Athens. Nice view **$39,000.**

475 acre dairy farm, 360 acres tillable. Featuring 154 freestall barn with 2 bunk feeder units, double 8 Herringbone parlor with sick room, office, bath & milkhouse with two 1000 gal. tanks. Three 24 x 60 silos and one 20 x 55 silo with unloaders, 50 x 245 pole styled dry cow & heifer barn with drive through feeding. Lovely 2½ story home with 14 rooms & 2 baths, tenant house & 2 ponds. All this & much more for $575,000 Call for details #311.

190 acre general farm, 80 T, 90 pasture, nice 2 story home, 6 rooms & bath, bank barn, 2 silos in good condition, implement shed, garage & more All for **$105,000. #297.**

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road. Sets very nice, must be seen to appreciate. All for **$225,000.** Cattle & machinery optional Additional acreage available for rent.

86 acre investment opportunity w/country living. 40 acres wooded & 46 open, includes 12x70 nice mobile home w/1½ bath & garage. Located in lovely setting near lake. Call for details, **$69,500 #273.**

WOODED ACREAGE

11 acres **$11,000**
38 acres **$26,700**

SUSQUEHANNA COUNTY

NEW

140 acre dairy farm, 95 tillable, gently rolling to almost level. A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders, 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate. $225,000 #324

67 acres of prime hunting ground, **$34,000.**

100 acre dairy farm, 63 stall barn, remodeled 8 room home w/bath, new machinery shed, 20x60 Harvestore silo, in a nice setting, **$162,000. #267.**

19 acres, lovely woodland, suitable for hunting or retreat **$22,500**

40 acres of woodland, **$26,500.**

Several other parcels available

SCHUYLKILL COUNTY

149 acre potato & vegetable farm, 75 T, featuring lovely remodeled home with modern kitchen & bath, formal diningroom, large livingroom & 5 bedrooms 70 x 90 bank barn potato storage, also marketable timber All for **$165,000. #288.**

SNYDER COUNTY

101 Acre dairy farm features lovely home w/large kitchen, 1½ baths, 4 bedrooms & laundry, 70 freestall barn w/box stalls, 8 stall Herringbone parlor, auto. feeders, 20x60 concrete silo w/unloader, 40x100 pole building, bank barn & much more, $180,000 #328

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area. **$130,000 #307.**

Lovely 2 story colonial plank home, 10 rooms featuring 2 livingrooms, large kitchen, 4 bedrooms & bath Located in rural area with trout stream on property. $36,000.
Also 12 acres of open ground with trout stream Prime for building or recreation, on hard road. $32,000.

JUNIATA COUNTY

REDUCED

160 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen, 3 floor 15,000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing Concrete silo & large bunk silo, good ground All for ~~$250,000~~. Reduced $210,000 #320

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting, excellent for hunting or vacation home, nice view, **$65,000. #283.**

LEHIGH COUNTY

102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated **$225,000 #145.**

POTTER COUNTY

16½ Acre woodland setting w/nice 12x60 trailer, fronts 2 roads. Good hunting & fishing. $30,000 #312.

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins. Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground ~~$225,000~~, make an offer, reduced $210,000 #310

Lovely 7 acre farmette featuring 2 story home with 10 rooms and bath plus large barn & machinery shed all in good condition FHA approved $65,000. #309

NEW JERSEY

80 acre dairy farm, gently rolling to level, streams & pond. 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm, & laundry 60 stall barn & 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25 trench silo. $250,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE

Rt. 100 Hereford, PA 18056

Ph: 215-679-5919

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LESTER KLINGER
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Columbia Co

JAMES SHOEMAKER
Bucks Co

RAYMOND SWARTLEY
Bucks Co

REAL ESTATE

REAL ESTATE

CHENANGO CO., NY

310 acres, 100 river flat 74x170 barn with 112 freestalls, milking parlor 3 silos 2nd barn ties 60 head Beautiful 2 family brick Colonial home $275,000

CORTLAND CO., NY

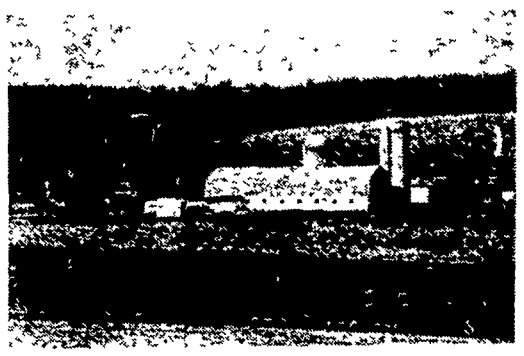
325 acre operating dairy farm, new barn ties 65 head, pipeline, 1000 gal bulk tank, 4 silos Freestall barn with 65 stalls, auto feeding Excellent 3 bdrm 2 bath ranch house 4 bdrm tenant house in good condition $220,000
Owner financing available

Send for free property list

McKEE REALTY

Main Street
Cincinnatus, NY 13040
607-863-4181

COBLESKILL, N.Y.
245 ACRES, 115 TILLABLE



This is one of the finest 50 cow farms available in the area and is ready to move into The home is a remodeled Colonial with a new kitchen & 3 baths The soil has a high natural PH and is very productive Very good 48 cow barn with pipeline and tank. 2 silos w/unloaders 2 youngstock barns This farm must be sold soon and is offered at $160,000 with owner financing availble Don't miss this one Call today!

COBLESKILL
Country Boy Realty
MAIN OFFICE
140 EAST MAIN STREET
COBLESKILL, NEW YORK
PHONE 518/234/4371

FARMS & LAND

F1-10 Snyder Co , 24 acre farm, good home, bank barn $75,500

F1-09 41 acre w/dairy setup, large, fully insulated 11 room house Bank barn has 17 tie stalls & vacuum pipeline, horse barn, Snyder Co. Only $71,500

L1-07 Approx. 100 acres tillable on this 133 acre tract near Port Trevorton, Snyder Co. No buildings only $700/acre.

F1-02 103 acre run down farm, log house, approx 20 acres tillable, excellent hunting area $69,000.

FO-51 General farm in central Snyder Co. 188 acres with over 100 acres tillable. Bank barn and other outbuildings. 2 story, 8 rm. log home with aluminum siding. Only $175,000 Owner financing.

Other Farms Also Available

Bowen Agency inc.
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22 North Market St.
Selinsgrove, PA

"PHOTOS BY WIRE"
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Evenings call Realtor Assoc.

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Snyder/Union
717-374-8038

Don Bashore
Juniata/Perry
717-436-9213

Paul Kuhn, GRI
Northumberland
717-374-4144

Dallas Will
Mifflin
717-543-5685

REAL ESTATE

11 ACRE FARMETTE

Lancaster Co 4 miles outside of Ephrata Completely remodeled house, 2 story bank barn implement shed

215-267-2594

MAILBOX MARKET

For Sale- Penn-Bell tobacco plants 717-733-4919

For Sale- Pequea hay tedder never used $1195, WD AC tractor $1275, D-2 cat very good $1795, NH 455 $595, cattle racks, ½ Dodge 717-354-0266.

MAILBOX MARKET

For Sale New Frey Bros calf creep feeder with fly mop, also Moore no till Uni drill Exc cond 717 362 9507 Dauphin Co

For Sale Timothy hay approx 8-ton #66 NH baler, ready for field, A-1 engine, #201-IHC wm drower, ready for field 717-754-4101 Sch Co

For Sale- Toggenburg buck, born 3/81 Grand champ, sired Dam is 14 Star Milker. Sire & Dam can be seen Burlington Co , N J 609-9267-4411

For Sale- Practically new fert side dressers for JD Model B 2 row cultivator, 201 246-3413 Somerset, N J

For Sale- 133 Sq yard worn face, Red standstone, 30"x18" and smaller 717-949-6862

EWE AUCTION - 100 head, all ages, production records, June 6, 1 p.m Management Workshop 10 - noon Frederick Co., Md 301-834-9711

MAILBOX MARKET

For Sale 100 lb caustic soda 50 @ lb buy some or all Also post hole digger, 3 pt Lanc Co 215 267-5209

For Sale- Magnavox stereo console, AM FM record player, eight track, tape Good condition, must sell $200 Call eves Lanc Co 717 738-2907

For Sale- 1979 Chevy Monte Carlo, green, auto , V8, PS, PB, RWD, RTR AM & FM tape deck & block heater, less than 30,000 miles $4500, firm Chester Co 215-932-9052

Selling on public sale, June 5, complete line of swine Look for sale bill. Roy & Lee Bixler, 717-426-1539 or 717-653-5775

For Sale- Case 630 tractor (Case-O-Matic), NH 1010 auto bale wagon, Lanc Co 717-626-2866

For Sale- 1966 Chevy pickup $850, also 1970 Renault $1195, both in good condition 717-345-4020

MAILBOX MARKET

For Sale- 1 Reg Hamp ram, 40-2 yr old western ewes, 10-1 yr old ewe, 40-8 week old lambs Tioga Co. 717-673-3458

For Sale- 1964 MF 97, 101 hp, 2 valve hyd , 4 wheel drive Exc cond , Anne Arundel Co , Eves 301-741-9589

For Sale- David Bradley side delivery rake, disc harrow, 3 pt hitch 9' cultivator, JD 3 btm 16" plow 3 pt hitch 896-8260 Dauphin Co

Wanted- 8" 3 jaw chuck for metal lathe Good cond , Perry Co Morris Loy, Landisburg, Pa 717-789-3483

For Sale- MM White 1970 60 H.P like new cond , dual hyd 3 pt 15 5-38 tires, $3,500 Call Ben 609-697-0234. Vineland, N J

For Sale- Reg Polled Herefords, 1 yrlg , 1 6 yr old. Exc breeding stock, halter broke & docile Several open heifers 717-689-2158

MAILBOX MARKET

For Sale- Lo Molde twin cyl steam engine, good cond , 2 row Staffer tobacco planter Ervin M Horst, RD1 East Earl, Pa Lanc Co. 17519.

For Sale- IH 127 10' combine w/6 cyl , 50 hp power unit, steel wheels $50 Wanted- Old 500 gal fuel tank, pin holes, OK 717-354-5691

For Sale- Six pure white Eskimo spitz pups Born Apr 17 $10 for males, $15 for females Levi Z Stoltzfus, R2 Box 254, Quarryville, Pa 17566, Jackson Rd , Lanc Co

For Sale- 4 row Int cultivator #465-665 fits 460 - 550 - 656 - 756 - 504 - 806 with cyls Brady tank manure spreader Sch Co 717-345-8035

For Sale- 500 bushel ear corn $130. per ton Lanc Co. 717-626-5751

For Sale- JC Penney boys 3 speed 24" bike, $65 717-284-4936 Lanc Co

LAST WEEK FOR THIS SALE
ON USED TRACTORS AND EQUIPMENT

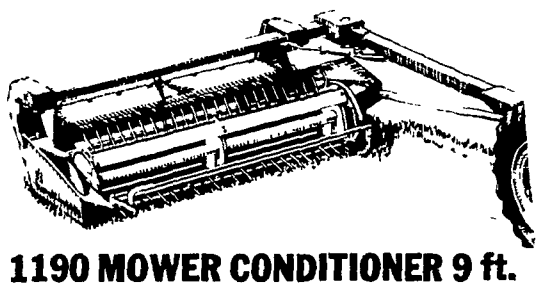
	Reg	SALE
International 455 4 Row Planter, Double Disk w/insecticide	~~1600.00~~	1400.00
International 544	~~5150.00~~	3995.00
Ford 8N	~~2000.00~~	1595.00
B-275 Diesel, 3 pt. Hitch	~~2250.00~~	1595.00
Farmall Super MTA, P.S.	~~2500.00~~	1895.00
Farmall 460	~~2750.00~~	2195.00
International 205 Combine with 13 Foot Platform, Pickup Reel, 72 Model	~~7550.00~~	6950.00

	Reg.	SALE
John Deere 336 Baler w/#30 thrower	~~$4500.00~~	3595.00
John Deere 14T Baler	~~750.00~~	495.00
Fox I-546 Harvester w/2-Row Row Crop & Pickup	~~1850.00~~	1095.00
IH #50 Forage Harvester w/Row Crop & Pickup, Engine Drive	~~2500.00~~	2000.00
Papec 54" Forage Blower	~~650.00~~	495.00
IH #1150 Grinder Mixer	~~3450.00~~	2495.00
Grove 16 foot Forage Box	~~1500.00~~	795.00
IH #40 Manure Spreader	~~750.00~~	495.00

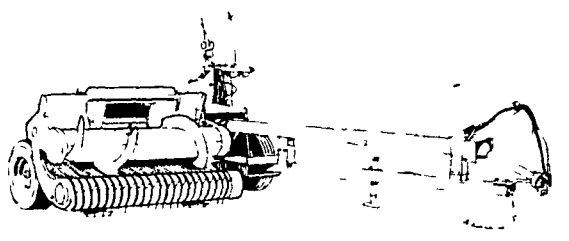
NEW HAY SPECIALS

★ We're Ready to Demonstrate
★ We're Ready to Trade
★ Try the Best At the Best Price

WE WILL NOT BE UNDERSOLD



1190 MOWER CONDITIONER 9 ft.
$5675 Plus An Additional Customer Cash Payment $500



720 FORAGE HARVESTER WITH HAY PICKUP
$7985 Plus An Additional Customer Cash Payment $925

MODEL 35 HYDRAULIC DRIVE INTERNATIONAL RAKE
This machine will both rake and ted
$2095 Plus An Additional Customer Cash Payment $140

CREAM PUFFS

Int. 1460 Axial flow combine - used 490 hours, w/6 row narrow corn head
Int 1066 Diesel completely rebuilt, very, very clean
J.D. 4030 Diesel 77 model 495 hours.
A.C. 190XT Series 3 with cab, 2100 hours, outstanding condition

ANNOUNCING WAIVER OF FINANCE

TILL JANUARY 1, 1982:
★ 2250 Mount-O-Matic Loaders
★ Manure Spreaders
★ Grinder Mixers

TILL SEPTEMBER 1, 1981:
★ Grain Drills
★ Chisel Plows
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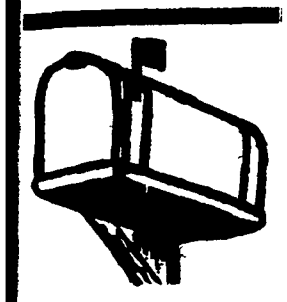

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For Sale- IHC 141 12' self-propelled combine, motor runs $500. 717-235-4026 York Co

For Sale- AKC Reg Germand Shepherd pups, 6 weeks old $80 Lanc Co 717-627-1724

For Sale- Tandem axle house trailer, 38x8, suitable for home, office or lounge $600. Freedom Twp, Sussex Co, N J. 201-383-3409.

For Sale- Complete dumping station, large releaser, used 3 wks. changed mind-put in pipeline $730 607-594-2465

For Sale- 1955 Ford F-600 truck, mileage 64,164 good shape, 300 gal. Girton milk tank, nice shape Monroe Co. 215-381-3766.

For Sale- Vertical mixing machine, 2 ton cap, good cond, make offer Essex Co 201-227-4444 days

For Sale- Case 420 w/ldr. $1200, SA Farmall $1550, Ferguson T030 8 spd, $1550 215-598-7357 or 598-7546.

For Sale- Lg. heavy duty swine set with bench swine, titter totter and 2 single swings Ephrata RD3, Lanc. Co. 717-354-8110.

For Sale- Circle Z goose neck stock trailer, 20' long with 8' peak, inside 7' wide, all set up to double deck, exc. cond. $3,500. Susq. Co. 717-942-6933.

For Sale- 1200 lb. Reg. black and white hol. bull, would make good stock bull Wanted- 4 row cultivator. 814-472-5461.

For Sale- Service age Reg Hol bulls, sired by Glendell, Bootmaker, Ivan Star and Astronaut, from high record dams Also other younger breeding bulls, all reasonably priced Carroll Co., Md. Rinehart Farms, 301-346-7326

For Sale- Used metal office equip, 4 desks, 2 file cabinets, 1 table $20 to $50 each or all for $200 Farm-Built Machine Shop, 68 South Weavertown Rd, Ronks, Pa 17572.

For Sale- 20 ewes, $65 each. Elam M. Ebersol, 558 Gibbons Rd., Bird-in-Hand, Pa 17505 Lanc. Co

MAILBOX MARKET

For Sale- Elec start Gravely tractor w/36" mower & 2-wheel sulky $150 Lanc Co 717-653-5409

For Sale- IH 4-row cultivators, mted will fit 560-656, etc 1959 Reo truck lime spreader, boom/spinners, 5 wooden trusses, 50' half round 717-386-5696

For Sale- Nubian kids, will trade for oats or hay 215-777-4579 Berks Co

For Sale- NH 270 hayliner baler in exc cond, ready for the field. Sch Co 717-345-4489

For Sale- 6' direct cut head for NH 717 Harvester; Int hay crusher, JD No. 30 7' combine, 3 pt. wheel rake, straw 717-345-8815.

Land For Sale- 100 acres, Wayne Co, fine hunting, bear, deer, etc Wayne Co 717-448-2084

For Sale- New steel gates, 2½x15x30, 100 lbs. each, $20 ea. Leb. Co. 717-865-3857 or 865-6860

For Sale- Beaut. Reg quarter horse, mare, chestnut, 5 yr. old, very gentle show or pleasure deluxe champ. bloodlines, 814-445-6358

Feed Easy 3000-B slinger manure spreader with 4 wheel brakes and plow down attach. 717-665-2962.

Feed Easy 8' vertical shaft agitator manure pump, new. 717-665-5772

For Sale or Trade- Beautiful Reg. Tenn walking 6 yr old mare, will trade for big 5th wheel wagon in need of repair, 615-722-3544

Monroe Co - Bushkill in Poconos cabin sleeps 6, fish, swim, tennis, hike, stream front Rent by week, month, Bohm, 6 Waverly Rd, Cherry Hill, NJ 08003

Wanted- Used Lely roterra, 100-120 inches For Sale- Golden Retriever pups, AKC farm raised $150 609-455-7306 after 3 p.m

For Sale- 56 tie type cow stanchions and 28 water bowls, all fittings, good cond. Adams Co 717-334-8895 after 6 p m

Wanted to Buy- steel wheels w/studs for Farmall 350, front and rear or will buy Farmall F12 or 20 on steel wheels, 607-458-5414.

For Sale- Cobra XL32 CB and Cobra antenna, $100. SWR meter built in - 717-354-6803.

For Sale- Black Raspberry Plants, four pen rabbit hutch, new - 717-665-5739.

Wanted to buy- Good used Stihl mist sprayer, portable to carry on your back. Contact soon. Elam Z. Zimmerman, RD#4 Box 140, Lititz, Pa. 17543, 717-733-6698

For Sale- JD Cultivator, model H, $150 Cultivator quick tach "B", $100. 6½' Oliver hay crimper, 717-653-5332.

For Sale- Pincor voltmaster generator and Briggs motor unit, 115 volts, 1500 watts. In good condition, not worn hard, $280. Organic Center, New Holland, 717-354-7064

Wanted- Int. 110 side mounted 7' sickle mower for H or M, good cond, wide front for M Call collect 201-741-8109

For Sale- 1980 Chevy Citation Hatchback, 4 speed, deluxe cloth interior, cruise control, AM/FM stereo, ext warranty, rust proofed, exc cond., lots of room and good mileage. Lanc. Co, 717-285-3051 or 717-397-2093 after 5

For Sale- 4 yr old gelding 13 5 hds good 4-H prospect with lots of style, gentle, doing nothing wrong, $500. Lanc. Co. 717-687-6377.

For Sale- Woods Rotary Mower, 6 ft, belly mounted, good cond, fits Ferguson 30, similar Fords, $695. Leb Co 717-949-3749 8-9 p m

MAILBOX MARKET

For Sale- AKC Reg. Boston Terrier pups, also fan tail pigeons, Wanted- Good used milk strainer 215-445 4716 Lanc Co

Wanted- Anyone interested in breaking to work 2 Belgium-Clydesdale geldings, Samuel C Martin, 717-665-6647

For Sale- IH 806 D tractor, 2 pt. hitch, wfe, 717-869-1528 Bradford Co.

For Sale- Used parts for JD 440 crawler, complete trans., differential, axles, rollers, frame, gears for final drive, complete Gearmatic winch, cheap 717-249-7779 Cumb. Co

For Sale- 1978 stock trailer, 16'x6' elec brakes, 717-284-2020 Lanc. Co

For Sale- One 16" btm. plow for JD M, includes mousetrap $100 Lanc. Co 215-593-5721

For Sale- NI 1 row tobacco planter with new boxes in A1 cond. Henry B. Stoltzfus, R1 Box 152, Christiana, Pa. 17509.

Wanted- IH 234 corn picker. Bradford Co. 717-888-7638 Roman Rosh, 119 Highland Rd, Sayre, Pa. 18840

For Sale- 300 pcs of double strength glass (16"x24") $1 00 a piece or best offer, Luke M. Martin, 717-933-8541 Berks Co

Help Wanted- Mennonite person for acetylene welding in evenings 717-354-9243

For Sale- 1969 Ford-250 9'x7' flatbed $450 1935 Case "CC", Kero-Model, not running, 100% complete, $200. 2-2x12" JD pull on steel $75 each Ask for Brad after 6 201-453-3076 Warren Co., NJ

For Sale- One Gravely Super Covertible mower for $800 and one applicator for hay preservative Call John Kilby 301-658-6080 Cecil Co

For Sale- Belgians, Reg. Blonde Full Sisters. One 3 months old. The other 15 months old $6500 for pair Berks Co 215-926-3086.

Wanted- Zenith carburetor, D-16, for TSD Wisc baler engine, also muffler. 814-379-6221

For Sale- JD hay crimper, 215-562-7801 after 7 p m. Berks Co

For Sale- Big 4 yr old saddlebred driving horse, traffic safe & sound, good broke. Daniel W. Hoover, East Earl RD1, two miles north of Terre Hill along 625.

For Sale- 1 pair 30 5 tires with rims, 1-2 row cultivator, fits JD, A-B-G, 60-50 tractors, 717-755-4797 York Co.

For Sale- Poloron 8 h.p. riding mower, good condition. Lanc. Co. 717-354-7186.

For Sale- 4,000 gal water tank, 52" rear steel tractor wheels, Jacob S Beiler, 132A N. New Holland Rd., Gordonville, Pa. 17529

Wanted- 800 gal. bulk tank in good working cond Centre Co. 814-422-8765.

For Sale- 1972 Ford F-250 4-speed, PS & PB, $800 717-665-6082.

For Sale- 6000 watt Kaler engine generator, like new, 10 h.p. Schramm air compressor with 150 gal. tank. Samuel L Stoltzfus, 3875 Old Phila Pike, Gordonville, Pa 17529 Lanc. Co.

Jersey sweet potato plants for sale, $3 for a hundred. 717-626-2995 Lanc. Co

For Sale- NH elevators, 24' $550, 30' $700, 36 $700, Case cultivators, hay mower, crusher, rakes, NI manure spreader $250 717-345-4882.

For Sale- By owner - 3 2 acre farmette, Warwick Twp 3 bedroom, 2 stor brick house, barn, beautiful view $59,900. 717-626-5847 Lanc Co

MAILBOX MARKET

For Sale- 4 Fenton Mag 14' wheels with tires, fits Chevy 1200 David Brown Cab 717-292-2750 York Co

For Sale- 2 IH 990 mower cond, Farmall M tractor, 10 hp wheel horse & mower 717-653-5155.

Wanted- Good used 14' truck bed w/dump or old truck with good bed & dump 949-3317

For Sale- 60 units of Paclamar Astronaut at $85, 20 units of Harrisburg Gay Ideal at $15. Blair Co 814-793-3008

For Sale- Ferguson mower, fits 8 or 9N-Ford needs some repairs, Has extra knife & guards $45, No. 9 JD mower for parts $30 Sch Co 717-385-0723 after 5 p m

Wanted to buy- Foley Auto. power setter, also scissor sharpening machine Contact Seth Yoder, Box 117 RD1, Reedsville, Pa. 17084

For Sale- Sev Reg Alpine milkers & weaned or baby kids, all dehorned & tame, Chestertown, Md 301-778-5640.

For Sale- M 610 skid steer loader, Bobcat, completely gone over $5000. JD wheel rake, $750. 717-535-5457.

For Sale- Barrett heavy duty brake doktor Model B120B for bus and truck brakes. Ex. cond., 215-495-6703 Chester Co.

For Sale- 12 young beef type cows, due to freshen with second calf in late July and August Chester Co., Pa. 215-857-5604.

For Sale- Ceramic chicken planters $15-$20 Call 215-267-4841

For Sale- JD 35 Harvestore with 2 heads, silage wagon & forage blower $3800 for all Somerset Co 814-634-5480.

For Sale- 6 new RH shares & 1 RH moldboard for Oliver E Plow also 2 - one horse Planet Jr cultivators. Martin E Struble, Lafayette, N J Sussex Co, 201-383-4046 after 4 p m

Young couple looking for apt or house to rent beginning July 1 in Lititz, Manheim or East Petersburg areas 717-626-1198 or 665-4146 after 6 p m

For Sale- Williams Soybeans 1 year removed, $8 50 a bushel. 15 ton ear corn, $120 a ton, Columbia Co. Call evenings 925-6607.

For Sale- IH No. 56 4 row corn planter, ex cond also M.W Turbo Charger needs bushing. Best offer, 814-542-8464.

For Sale- 2 story frame house with slate roof and random width floor boards To be torn down and removed in reasonable time 215-346-8040 Bucks Co.

For Sale- Used Jamesway milk tank, 500 gal. $300 or best offer, Berks Co. 215-856-7667.

For Sale- AC 4 row 600 no-till cornplanter. Monitor, acre counter, insecticide boxes, new. All discs like new. 301-692-9564 Harford Co., Md.

For Sale- 6 yr old sorrel Saddlebred carriage horse, sound & a good road horse, also wanted a 2 row narrow corn head for a NH 880 harvester. Must be in good cond., Lanc. Co. 717-354-8970.

For Sale- Reg. Morgan Filly's and Colts. Quality stock champion bloodlines. Prices from $1000 and up. 304-726-4330.

For Sale- Seven year old standardbred registered gelding. Traffic safe and sound, good for boys Simon J. Wengerd, Route 3, Box 66, Meyersdale, Pa 15552

For Sale- Purebred Shropshire yearling and ram lambs Large selection D'Ambra and Shephard bloodlines. Lebanon Co. 717-949-3653

MAILBOX MARKET

For Sale- Reg Jersey heifer calf Carroll Co, Md 301-775-7693

Wanted- 2 metal bulk feed bins, any type, any size, most any condition Can disassemble Bradford Co 717-549-7591

For Sale- 50 gal elec water heater, good cond $75. Christ S Petersheim, R1 Box 411, Bird-in-Hand, Pa 17505, 1 mile West of Monterey

Wanted- Backhoe bucket, 16" or 18" wide to fit Int., Case or JD. 717-225-1600 York Co

For Sale- MF 120 baler w/thrower & hyd cylinder to change thrower position New condition, $3000 York Co. 717-225-4944

For Sale- 420 Case crawler with Carco winch Good running cond., real good under carriage $1650. Menno Stoltzfus, Madisonburg, Pa 16852.

For Sale- Fresh family cow and heifer calf, Lanc. Co. 717-354-7866

For Sale- Hyd cyl. 3½" x 24" brand new $90, JD 24 KBA disc $150; 20' tobacco wagon on rubber $200; Lanc Co. 717-665-3586.

Would like to trade a side bar mower for a snow blade for a Cub. Also for sale a MH pony tractor with plow, cult., harrow, in fine shape. 717-838-1801

For Sale- UKC Reg. PRB Fox Terrier pups, apply to Weaver W Shirk, RD3, Ephrata, Pa. 17522, Glenwood Dr, near Hahnstown

For Sale- MH 35 combine, self propelled, 8' cut, $1200, NI 30' hay & grain elevator, ½ hp motor $300, Montour Co 717-672-2021

For Sale- Service age hol bull, sire Poverty Hollow MILESTONE Dam, EX. Knob-Lick Elevation BOB dau, 20,000 milk, M E Fancy type Washington Co, Md 301-791-2096.

For Sale- Amish buggy, good cond., hack buggy, new elec motor 1 h.p Mike Smoker, 8 Old Leacock Rd., Ronks, Pa, 1 mile W of Intercourse.

For Sale- NH 273 hayliner baler, ex. cond Long tongue super sweep pickup. Price $2000 Phone 814-472-8528.

For Sale- Essex soybeans, 94% germination, tested 3-81 by Md Dept of Ag Cleaned & bagged in bu paper bags. $11 75/bu 301-599-9649 Prince Georges Co.

For Sale- Starter & generator for Sheppard dsl. $45; Child's riding toy tractor $15; Ford flat head V-8 water pump $10 609-561-7623 after 8 p.m. Atlantic County, N J.

For Sale- 4 row cultivator for 3020, JD $550; Wooden Myers 300 gal. tank sprayer, $300. Burlington Co., NJ. 609-298-3976.

12' Ezee Flow fert. & lime spreader, fine cond., guaranteed $250. Trenton, N J. 609-259-2802.

For Sale- AC pull type combine, 5' cut., running order, good canvas. Kept inside make offer. Spring City, Chester Co 215-948-8162.

Wanted- Hay rake on rubber or 3 pt. After 6 p.m. 717-866-6625 Leb. Co

For Sale- Quarter horse mare, 13 yrs. old, fast. Game horse Carbon Co 717-386-4310.

For Sale- Guinea keets, also taking order for later hatches. Lanc Co 717-665-9371

For Sale- Trailer hitch, like new, med. duty adjustable $25 Lanc Co 717-354-9397

For Sale- Big carriage horse traffic safe and sound, real road horse, but no woman's horse. Elam B. Esh, Harvest Drive, RD1 Ronks, Pa 17572

MAILBOX MARKET

For Sale- Smidley hog feeder top for 12 hole feeder, 4' high with roof, good cond $50 Leb Co 717-866-5204

Wanted- Model A car parts & 1936 Ford car parts to help me restore my cars. Please help Donald Fehr, Box 372, Northfield, NJ 08225

For Sale- 63 acres in Ontario, Canada $40,000 Will trade for 20 acre farmette near Hanover, Pa, York Co. 717-632-7472.

For Sale- Mack engine, radiator, trans, tanden, power takeoff, axles; 1971 cab 24' steel dump trailer, 40' car trailer. 717-297-2353 Bradford Co

For Sale- Picture window 36"x52" with side opening windows 16"x36"; alum. frames, storm door, 33½"x79¾"; Jalousie storm door, 33¾"x80". Lanc Co. 717-367-6103

For Sale- 1925 IH McCormick-Deering 10-20 tractor, kerosene or gasoline 4-cyl. engine. Needs to be restored 215-678-4596 or after 5 p.m 215-678-6012 Berks Co

Farm For Sale or Rent- 250 acres beef cattle, farm developers paradise Phone 717-679-2282.

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For Sale New & used hardware & bolts, electric supplies, plumbing supplies, many more items $350 for all or best offer Lehigh Co 215-282-1640

For Sale- Full grown purebred Yorkshire boar, very aggressive & throwing good litters, out of good clean stock 717-656-9565

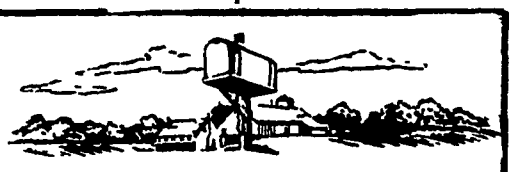
For Sale- 3300 Fox Harvester, 2 row corn head & hay head, very good cond Int hay conditioner, 717-653-4649 Lanc. Co.

For Sale- Dump wagon, needs some repair $400 or best offer. York Co 717-637-0206 or 637-4887

For Sale- Beehives w/bees, also Glen Valley Star $60. Lanc Co. 717-548-3814

For Sale- Hyd. tailgate for standard size pick-up truck. Easy bolt-on installation, 1000 lb load capacity. New $600 for complete kit Northampton Co. 215-767-9039.

Notice - The Sensenig's sold their pea & lima bean sheller to Ezra Horst First lane on right off 222 South of Mechanic Grove, Pa. 717-786-3060



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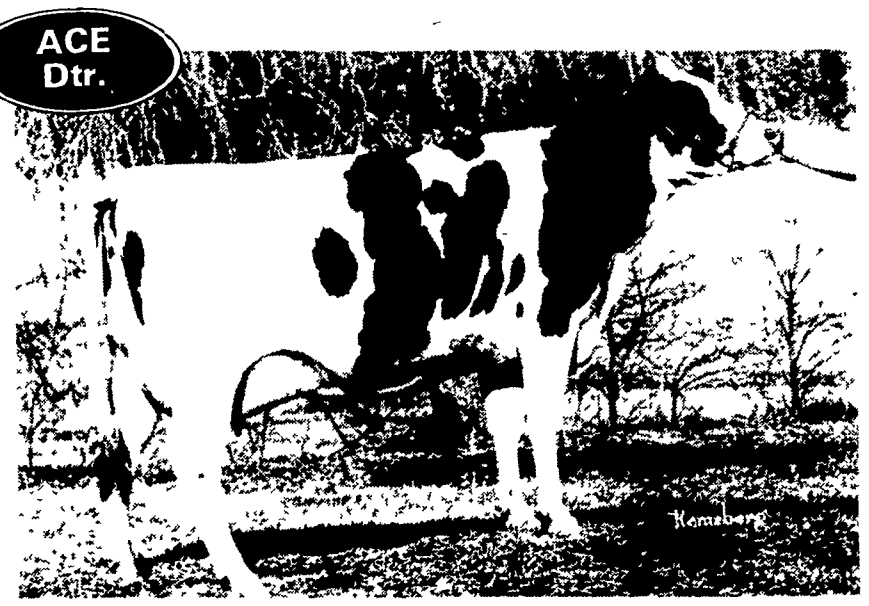

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Spring Rally features POW's touching experiences

BY SALLY BAIR
Staff Correspondent

CARLISLE — There was laughter and there were tears, but the 1150 Farm Women who participated in the sixteenth annual Spring Rally at Dickinson College in Carlisle last Thursday, were inspired and challenged by the address given by former Prisoner of War Commander Charlie Plumb.

Plumb, who is known locally due to speaking before several large agricultural conventions, took the women through a full range of emotions as he spoke of his experiences in Vietnam and his deep feelings of love for his family and his country.

Being a Prisoner of War cannot be considered a humorous experience, but Plumb was able to relate his trials and put them in perspective in a way which was both funny and touching. The women were so moved that he received a standing ovation when he was finished - a tribute to the courage he displayed and the ideals which he espoused.

Plumb's courage and determination to survive were the vital factors which brought him successfully through six years in Hanoi which included torture, humiliation and deprivation.

Plumb, a commander in the Naval Reserve, is a native of Kansas who now farms 200 acres of soybeans in eastern Kansas and counts his early 4-H experiences in the Cardinal 4-H Club as an important milestone in his life.

With just four days to go before completing his tour of duty, Plumb was shot down over enemy territory and as he floated down in his parachute he said he prayed "for the guts to endure and the strength to cope." He also determined that there were several things the enemy could not take from him, including his faith in God, his love for his family and his country and his education. However, he quickly learned that they took everything else from him, including his name by assigning him a Vietnamese name.

After having been tortured, he found himself tied in a single cell and when his bloodstained and swollen eyes cleared, the first words he read scratched on the wall of his cell were, "Smile, you're on candid camera." After an initial reaction of disbelief at someone's callousness, he quickly figured out the humor in the situation and determined that if he ever found the guy who wrote it he would hug him.

He noted, "Humor is the shock-absorber of life - I believe in it. It seems we have lost the ability to laugh at ourselves." Not Plumb. Anyone who can find a few chuckles in a POW camp has to have a pretty good sense of humor.

He told of being contacted in his solitary cell by a fellow prisoner with a wire scratching through a hole in a wall. The wire was used to send through a code written on dirty toilet paper. After memorizing the code, Plumb was told to eat the note so the vietnamese guards would not find it.

The philosophy which was tapped out through the prison code became a "lifesaving philosophy for me," Plumb recalls. It was intended to teach him to be a POW and to survive, something everyone was not able to do.

He was told to have faith because "the guys who live are the ones who believe and the guys who die are the ones who give up." He was told to have commitment to his hometown, his family, his school and everything that meant America to him. He was also told to have pride although he questioned what he had to take pride in. The answer: "Anything you can. Be proud you're an American and don't ever make an excuse."

The motto for prisoners was "Keep the faith, baby." something he was told to pass along whenever he could. Once that motto was passed around a truck crammed with 27 prisoners by means of tapping a big toe on someone's shoulder.

Even this primitive touching was

(Turn to Page C4)

It was a friendly group which met regularly for eight works to produce pitchers in quantity for the annual Spring Rally for Pennsylvania's Farm Women. From left are: Donna Duncan, Society 5; Pat Souder, Society 17; Alice Bricker, Society 17; Mary Wilhide, Society 17; Diane Shunk, a helper; Isabelle Morda, helper; Donna Shughart, helper; Frances Stoner, Society 17; Marian Deckman, Society 5; Dot Kreitzer, helper; Martee Mentzer, Society 15; and Janice Yorlets, Society 15.

Neva Barrick of Cumberland Society 7 portrayed Molly Ludwig Hays who came from New Jersey to Carlisle as a domestic servant.

Pitchers honor heroine

CARLISLE — When the invitation was made for members of the state's Farm Women societies to attend a Spring Rally in Carlisle, Cumberland County's Farm Women set to work to provide an appropriate memento of the trip to historic Cumberland County.

It was quickly decided that pitchers, in honor of Revolutionary War heroine Molly Pitcher, were just the thing. According to Janice Yorlets, president of the County group, "We wanted something permanent, but not too big."

So, with guidance and direction from Edna Brehm, who operates Hobby Acres ceramics, the women set to work to produce 1300 small ceramic pitchers and 230 larger pitchers. The small ones were given everyone in attendance and the larger ones had a plant inserted and served as table decorations.

Work began in January and Farm Women members and a few good friends who took classes at Edna's met regularly on Thursdays for eight weeks to produce the necessary number of pitchers.

The pitchers were designed to be white, as Molly's pitcher had been and pink on the inside because pink is one of the Farm Women's colors.

While there was a lot of work involved, the sessions also provided a lot of fellowship. Covered dish luncheons became the order of the day and the women came to enjoy the ritual of working and having lunch together weekly.

The mementos were dated for the occasion, and proved to be a big success. Now everyone will remember where Molly Pitcher came from and how she got her name! - SB

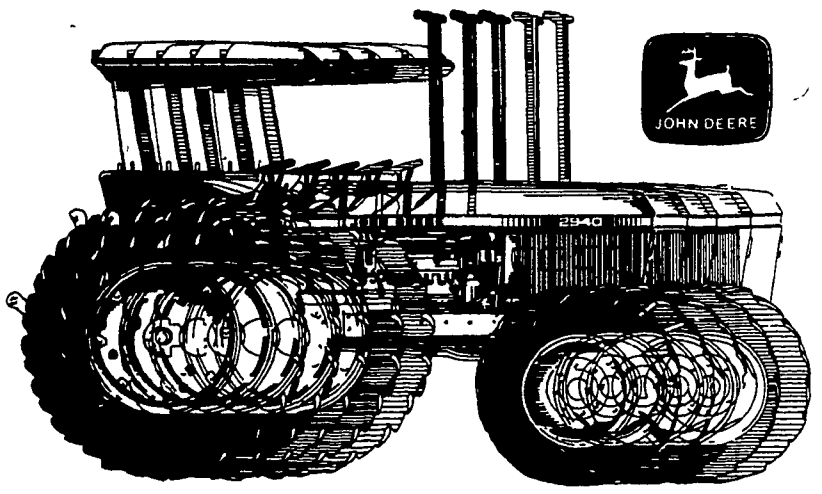
Speaking on his experiences in Vietnam was Charlie Plumb, a former Prisoner of War Commander.

Neva's son, Tim, helped tell the story of Molly Pitcher at the annual Spring Rally in Dickinson.

Pitchers, pitchers and more pitchers stand ready to be transported to Carlisle to be given as prizes and gifts for the annual Farm Women Spring Rally. Cumberland County hosts presented the pitchers as mementos representing the famous Revolutionary War heroine Molly Pitcher. Isabelle Morda works on a few of the gifts.

Homestead Notes

PERFORMANCE PROFILE



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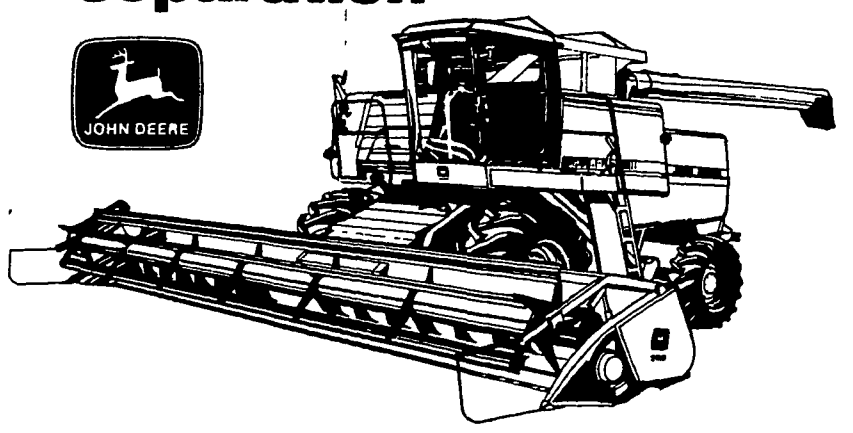

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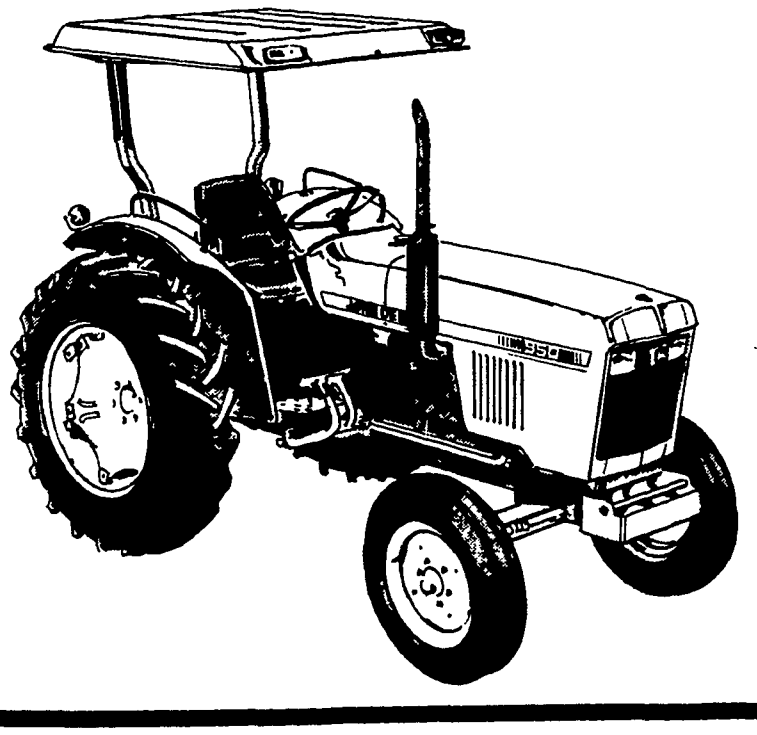

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The 1050 features a turbo-charged engine for more power, smoother operation and fewer emissions. Plus a continuous-running PTO for added productivity...load-and-depth-sensing hitch...swinging drawbar. The 650, 750, 950 and 1050 can be ordered with mechanical front-wheel drive for added traction.

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* Maximum PTO hp at 2600 engine rpm for the 650 and 850 2400 engine rpm for the 750 950 and 1050 All ratings by official test, except for the 650 and 750, which are factory observed

POW's touching experiences

(Continued from Page C2)

important to the POW's, and Plumb feels it is important to evervone. "The very essence of life itself is touching other people. We can let our smiles touch people. We can let our songs touch people. We can let every action touch other people. It is amazing how it compounds itself. I believe in touching. It is the essence of our existence. I believe it is what our creator meant for us."

An avowed bumper sticker addict, Plumb says one of his favorites is "Have you hugged your kid today?"

Religion was an important part of getting through POW camp. Although no organized religion was possible because the prisoners were not allowed to get together, they eventually determined that when five coughs sounded on Sunday morning every prisoner would be at prayer.

Eventually Plumb was in a cell with 53 POW's, and he was elected chaplain because of his experience with the Officer's Christian Union which prepared officers for lay work. The prisoners held services with no Bible and an altar made from sticks and a blanket.

And though conditions eventually improved as far as food and clothing, the prisoners did not have their spiritual needs fulfilled. Finally they staged a hunger strike and eventually were given a Bible and the opportunity to hold a church service. However, the Bible was theirs for only three days, so they copied all night long in order to keep the Scriptures.

Since his return, Plumb has met the man who packed his parachute which did its job and got him safely to the ground after his plane was shot down. He related the importance of packing the parachute correctly to the importance of touching others in daily lives. He told the women that every time they touch someone they are packing his parachute to help get him through life safely. "How many people touched you as you came up through life?" he questioned.

Plumb said he has been challenged to give his definition of America, and says, "You -you are my definition of America. It is a fuzzy-topped kid getting on a big yellow school bus, a truck driver and Farm Women who repledge yourselves to touching and repacking parachutes. It begins with your family."

Clearly the highlight of the day's program, Plumb was graduated from the United States Naval Academy and proceeded to flight training. It was on his 76th Combat mission in May, 1967 that he was shot down while on a fighter cover mission. He was repatriated on February 18, 1973 and since then has made innumerable public

(Turn to Page C5)

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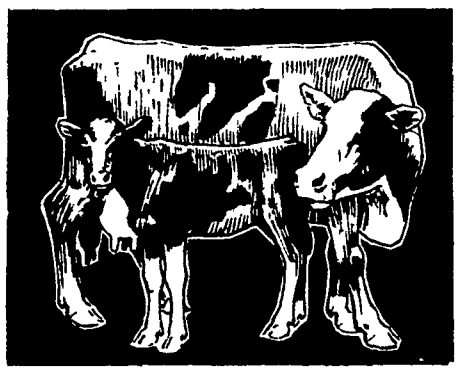

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Farm Women Societies

Lancaster Co. Society 2

Lancaster Farm Women 2 entertained Socity 25 at a luncheon at the Lancaster County Farm and Home Center in May.

Guest speaker was Mrs. Quentin Erisman, her talk centered on, "Women of the Bible." She acted the way of life of six women of the Bible. Betty Geib held a Bible bingo game with the named of ladies of the Bible.

The June 13 meeting will be a birthday party for guests at the Mount Hope Dunkard Brethren Home. Peg Barrett of Penryn is the news reporter.

Lancaster Co. Society 7

Farm Women 7 held their May meeting at the home of Miriam Keneagy, Paradise. Roll call was answered by telling a most recent foolish purchase.

The program was a food and plant sale.

The society will give two English awards to seniors at Pequea Valley High School.

The next meeting will be held at the home of Mrs. Arthur Eshelman, Oak Hill Dr., Paradise, June 15, at 7 p.m.

POW's story

(Continued from Page C4)

appearances and written two books about his experiences.

In other parts of the program the women were greeted by Dickinson College President Dr. Samuel Bankes and were entertained by the Lanco Lads. A skit presented by Cumberland County Farm Women Society 20 presented a rollicking view of a visit to the doctor's office.

Members of the Sponsoring Cumberland County Society of Farm Women welcomed the visitors from throughout the state and gave each a memento of their trip to historic Carlisle in the shape of a pitcher to represent Carlisle's famous Molly Pitcher of Revolutionary War fame.

Neva Barrick, a member of Society 7, dressed as Molly Pitcher and presented her story with help from her son Tim and daughter Amy Long. She told of Molly Ludwig Hays who came from New Jersey to Carlisle as a domestic servant, married and returned to New Jersey to be with her husband during the Revolutionary War. When her husband was wounded she fired his cannon and then continued to carry water to thirsty, wounded soldiers in a pitcher, hence her nickname Molly Pitcher.

General George Washington himself thanked her for her bravery and personal service. Following the war she returned to Carlisle where she died in 1832.

The Spring Rally, an annual event which draws Farm Women members from across the state, was initiated by Past State President Martee Mentzer, a member of Cumberland County's Farm Women.

Lancaster Co. Society 22

Farm Women 22 met at the home of Mrs. LeRoy Eshleman. Members answered roll call with "My Favorite Fitness Exercise."

A motion was passed to support the foster child, Maria Rosa Perez of Guatemala for another year. Reports were given by various committees.

The program for the day was exercise with Lucille Wenger.

The next meeting will be held at Hershey Farms, Strasburg.

Lancaster Co. Society 31

Farm Women 31 held their monthly meeting, Monday, May 18, at the home of Mrs. Carol Trimble.

Twenty-six members answered the roll call, "My favorite cheese dish."

The secretary's report was read and approved. The treasurer reported the proceeds from two sales this month.

After the meeting Mr. Paul Neff, from S. Clyde Weaver, showed slides of different types and ways of making cheese, after which members enjoyed a time of tasting.

Lebanon Co. Society 14

Lebanon Farm Women 14 held their monthly meeting at the home of Belle Weidler, recently.

Mrs. Vincent of Masonic Homes in Elizabethtown was the guest speaker for the meeting.

Vincent showed members her hobby of quilling: the art of rolling paper and making pictures of them.

The next meeting will be at the home of Ruth Engle on June 16.

Lebanon Co. Society 20

Lebanon Farm Women 20 met at the home of Susie Miller recently.

Lyndell Shirey and Dennis Himmelberger from the Ono Life Squad showed slides on the Emergency Management Agency and explained when to use "911" for police, fire or ambulance emergency.

Sandy Grubb was accepted as a new member.

Members decided to donate $20 to the Cedar Haven bedpad project.

The next meetng will be held at the home of Estella Shirk for a silk flower demonstration.

Berks Co. Society 6

Kidney Disease was the program for the Berks Farm Women 6 in the residence of Mrs. Robert Noll, Oley, R1.

Jefferey Bock, who has kidney disease and Karen Goodman, a nurse in the Dialysis Unit at St. Joseph Hospital spoke on causes and treatment of chronic kidney failure.

The president announced the Berks Heim picnic and Open House will be June 7. Also Berks Farm Women will have a stand at the Sidewalk Sale in Boyertown on Tuesday, June 23.

A family picnic is planned for Sunday, July 19, at Daniel Boone Homestead.

The group donated one hundred dollars to the Hamburg Center for residents to attend Camp Swatara this summer.

Next meeting will be on Tuesday, June 16, at the residence of Mrs. William Koch. All members were asked to bring a covered dish made from a dairy product. Betty Hoch, dairy princess of Berks County will be the speaker.

F.W.S. Calendar

Wednesday, June 3
York Society 1 meets with Evelyn Dallmeyer, hostess

Thursday, June 4
Lancaster Society 17 meets for a food and plant auction

Saturday, June 6
Lancaster Society 1 meets for a program by Connie Balmer
Lancaster Society 6 meets with Mrs. Willis Hackman, to exchange pictures of earlier days
Lancaster Society 27 meets for a family picnic

Strawberries and Sugar Peas

FREY'S FARM MARKET

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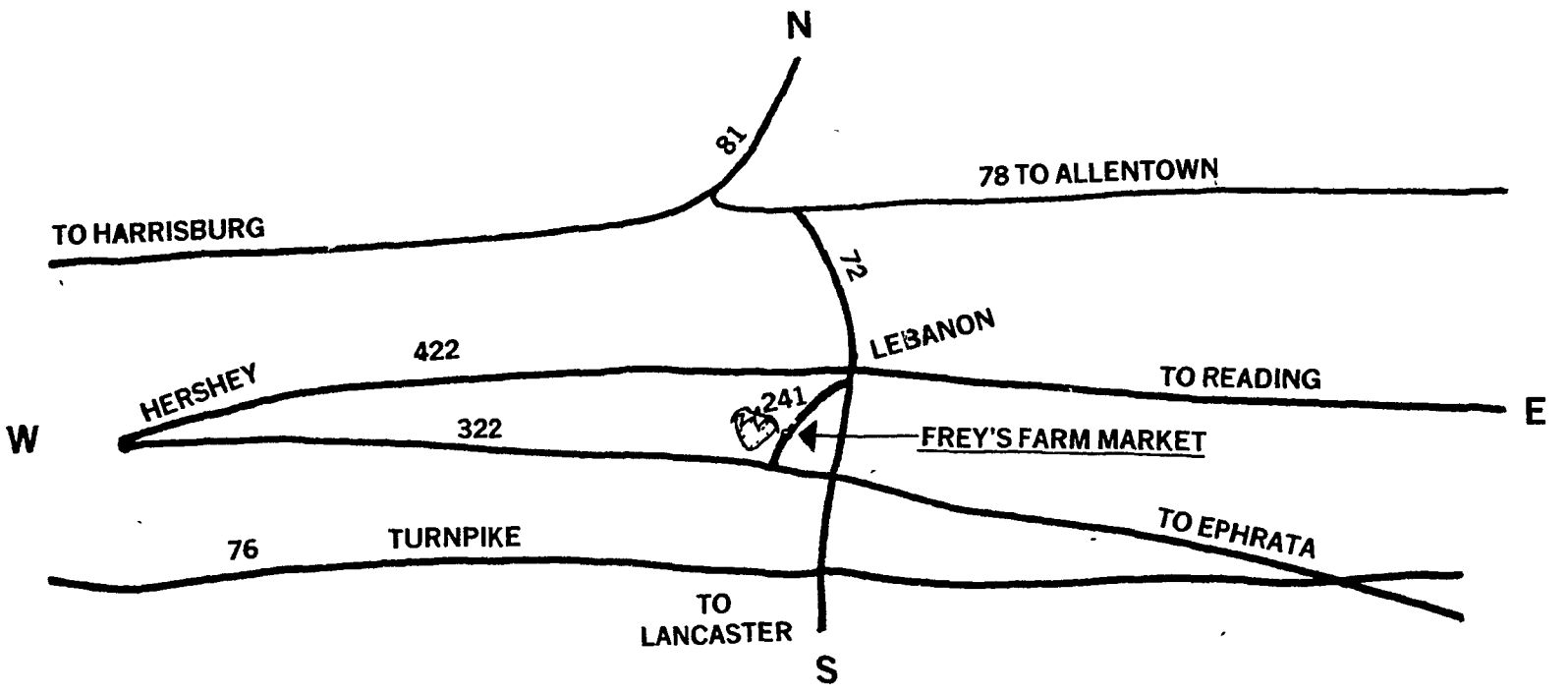
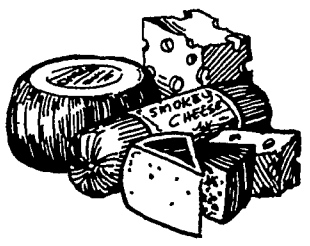
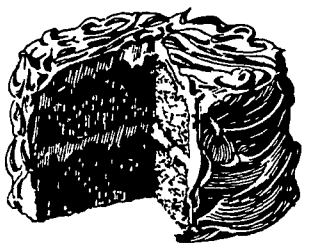




Home On The Range



When we decided to run a favorite recipe week, we had no idea that everyone had such diverse interests. Our recipes this week run the gamut from whoopy pies to chicken with rice.

Look for a recipe you would like to try; maybe it will become your favorite too. And find more favorites next week when we feature dairy recipes.

CHICKEN WITH RICE

9 chicken breasts, boned and skinned
1 can cream of celery soup
1 can cream of mushroom soup
1 can cream of chicken soup
1 1/2 cups minute rice
1 stick oleo
1 soup can of milk
1/2 cup grated sharp cheese

Melt oleo in pan, put chicken pieces in pan, turning to coat.

Pour rice in 13x9x2 dish. Combine soups and milk and pour half over rice. Mix together and then place chicken over rice. Pour remaining fluid over mixture. Sprinkle grated cheese over top. Cover and bake at 325 degrees for 1 1/2 hour.

Jane Karchner, Nescopeck

WOOPY PIES

1 c. shortening
2 c. sugar
2 egg yolks
2 whole eggs
1 c. cocoa
1/2 t. salt
4 c. flour
2 t. vanilla
1 c. sour milk
1 c. hot water
2 t. soda

Mix first four ingredients. Add dry and liquid. Drop by spoonfuls on cookie sheet. Press lightly with bottom of glass that has been dipped in sugar. Bake at 450 degrees for 5 minutes.

Filling:
2 unbeaten egg whites
1 t. vanilla
4 t. flour
2 t. powdered sugar
4 t. milk
1 1/2 c. shortening
1 box powdered sugar

Beat six ingredients until smooth and fluffy. Then add the box of sugar and beat. Spread filling between two cookies.

Sue Menges, Watsontown

QUICKIE STICKY BUNS

1 1/2 c. flour
3/4 c. milk
1/4 c. butter
1 t. salt
1 egg
2 packs yeast
1/2 c. water
1/4 c. sugar
1 3/4 c. flour
1 1/2 c. raw, chopped apples, if desired

Topping:
3/4 c. butter
1 c. brown sugar
1 t. cinnamon
3/4 c. chopped nuts or raisins
1 T. corn syrup
1 T. water

In large mixing bowl, combine 1 1/2 cups flour and yeast. Heat milk, butter, water, sugar and salt till warm. Pour into yeast mixture, add egg. Beat on high speed 3 minutes. By hand, stir in 1 3/4 cups flour and add apples if desired. Cover. Let rise 30 to 45 minutes. While dough is rising, mix topping. Heat till melted. Pour into 9x13 inch pan. Stir down batter. Drop by tablespoons onto topping. Bake at 375 degrees for 15 to 20 minutes. Remove from pan immediately.

Velma Nolt, Peach Bottom

RICH RHUBARB PIE

1 egg, beaten
1 c. thick sour cream
1 c. sugar
3 T. tapioca
3 c. chopped fresh rhubarb
1 9-inch unbaked pie shell

Combine egg, sour cream, sugar, tapioca. Mix well. Fill the unbaked pastry shell with chopped rhubarb. Pour egg and cream mixture over rhubarb. Bake in oven for 15 minutes then reduce heat to 350 degress.

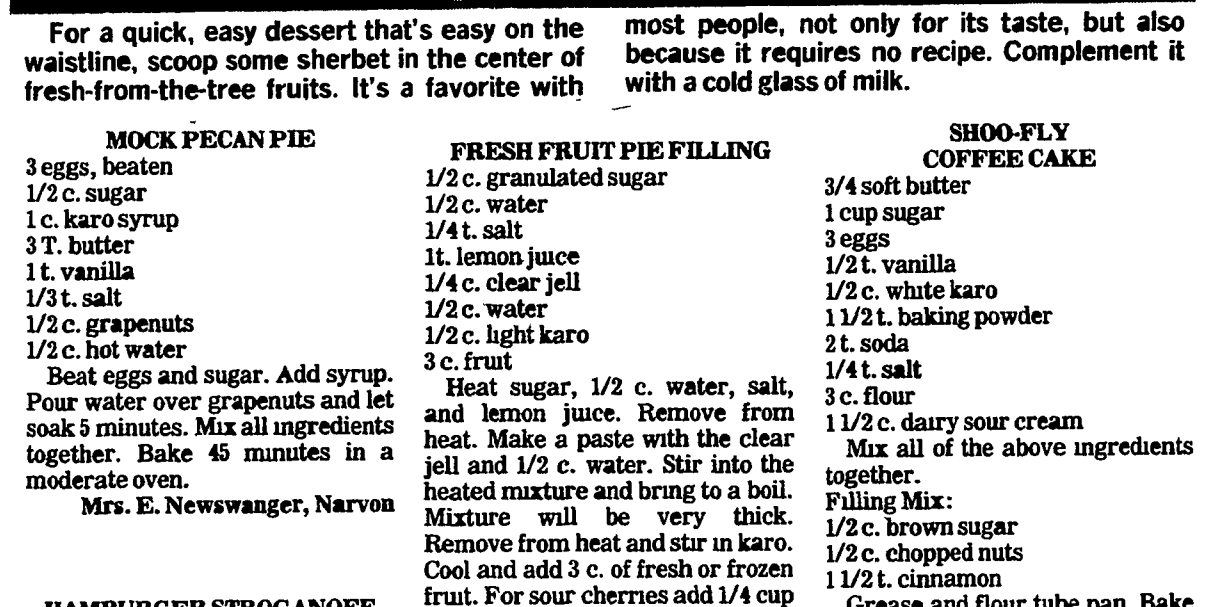
Minerva Martin, Ephrata

SAVORY DOGGIE STROGANOFF

1/2 pound chicken hot dogs, sliced
1 small onion, chopped
1 T. butter
1 can cream of chicken soup
1 can cream of mushroom soup
1 c. sour cream
cooked noodles

Fry hot dogs and onions in butter. Add soups, simmer for 10 minutes. Add sour cream just before serving over cooked noodles.

Lucinda Martin, Ephrata



For a quick, easy dessert that's easy on the waistline, scoop some sherbet in the center of fresh-from-the-tree fruits. It's a favorite with most people, not only for its taste, but also because it requires no recipe. Complement it with a cold glass of milk.

MOCK PECAN PIE

3 eggs, beaten
1/2 c. sugar
1 c. karo syrup
3 T. butter
1 t. vanilla
1/3 t. salt
1/2 c. grapenuts
1/2 c. hot water

Beat eggs and sugar. Add syrup. Pour water over grapenuts and let soak 5 minutes. Mix all ingredients together. Bake 45 minutes in a moderate oven.

Mrs. E. Newswanger, Narvon

HAMBURGER STROGANOFF

1 pound hamburger
1 can cream celery soup
1 6-ounce sour cream
salt
pepper

Brown hamburger. Mix in soup cream well. Add sour cream and mix well. Heat on medium heat. Serve over cooked noodles or mix with cooked noodles.

Jane Crossley, Coudersport

EGG SALAD

6 hard boiled eggs
1/2 c. mayonnaise
salt and pepper to taste
2 T. milk or cream
1 T. vinegar

Cook eggs, peel and mash. Add other ingredients, mix thoroughly. Sprinkle with paprika.

Rachel Blank, Lancaster

GLAZED CARROTS

1 pound carrots
2 T oil
1/4 c. water
2 T. brown sugar
1/4 t. salt

Cut carrots two inches long. Cook over medium heat until lightly brown in oil. Combine rest of ingredients and pour over carrots. Cover and cook over low heat until tender.

Mrs. Charles Biehl, Mertztown

FRESH FRUIT PIE FILLING

1/2 c. granulated sugar
1/2 c. water
1/4 t. salt
1t. lemon juice
1/4 c. clear jell
1/2 c. water
1/2 c. light karo
3 c. fruit

Heat sugar, 1/2 c. water, salt, and lemon juice. Remove from heat. Make a paste with the clear jell and 1/2 c. water. Stir into the heated mixture and bring to a boil. Mixture will be very thick. Remove from heat and stir in karo. Cool and add 3 c. of fresh or frozen fruit. For sour cherries add 1/4 cup more sugar and add 1/2 t. red food color. Makes 1 quart pie filling. May also be canned by cold packing in jars for 20 minutes. After being canned a few months, the clear jell will divide itself, but after being heated or baked in the pie it will turn out new again.

Mrs. Aquillas Peachey, McAllisterville

YUMMY CAKE

1 box yellow cake mix
1 reg. box instant vanilla pudding
8 oz. cream cheese (softened)
1 lg. can crushed pineapples (20 oz.)
1 sm. can crushed pineapples (drained well)
1 8 or 9 oz. container of whipped topping

Make cake as directed on package, but use a greased and floured 9x13 pan. Bake 15 to 20 minutes. Watch it constantly so not to over bake and cool well. When cake is baking make pudding and let set up well at room temperature. When cake is cool add cream cheese to pudding and beat together well (use a small bowl). Spread over cooled cake. Spoon on drained pineapples and then spread whippped topping on the cake. Refrigerate and do not cover.

Mrs. Belinda Myers, Dallastown

SHOO-FLY COFFEE CAKE

3/4 soft butter
1 cup sugar
3 eggs
1/2 t. vanilla
1/2 c. white karo
1 1/2 t. baking powder
2 t. soda
1/4 t. salt
3 c. flour
1 1/2 c. dairy sour cream

Mix all of the above ingredients together.

Filling Mix:
1/2 c. brown sugar
1/2 c. chopped nuts
1 1/2 t. cinnamon

Grease and flour tube pan. Bake in tube pan. Put 1/2 batter in. Put 1/2 of filling mixture on top of half. Put rest of batter in pan. Place the rest of the filling on top. Bake at 350 degrees for 60 minutes.

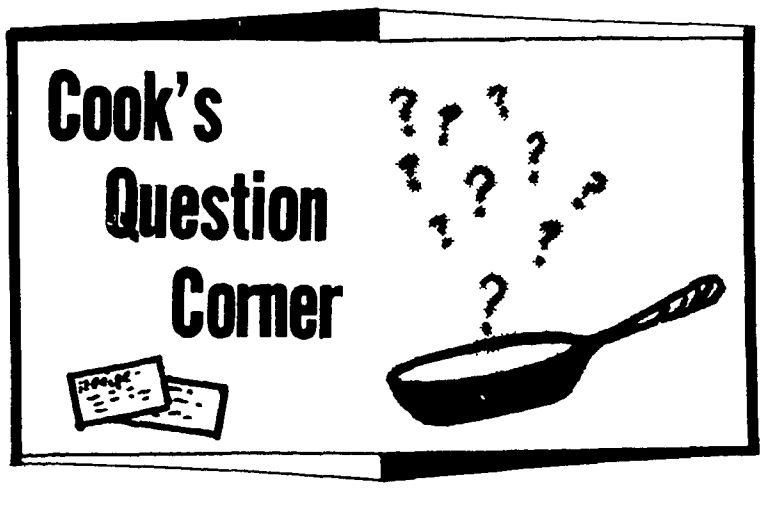
Joan Wagner, Mifflinburg

DAD'S POT ROAST

3-4 lb. pot roast
3 T. lard or drippings
1 1/2 t. salt
1/4 t. pepper
1/2 lb. ground beef
1/2 c. chopped onion
4 oz. mushrooms
8 oz. can tomato sauce
1/2 clove garlic
1 1/2 c. chopped celery
1 T. orange rind
1/4 t. nutmeg
1/4 t. cinnamon
1/4 t. cloves
3/4 c. water

Brown pot roast in lard season with salt and pepper. Brown chopped meat until crumbly and add remaining ingredients then let simmer 3-3 1/2 hours until tender.

Audrey Nemeth
Mt. Vernon, Maine



QUESTION — Can anyone provide me with a good ginger bread recipe and perhaps a new topping for it. My family doesn't like store-bought whipped topping.

Betty Smyth, Lancaster

Recipe Topics

June	Dairy recipes all month long!
July	Pancakes - Early morning recipes

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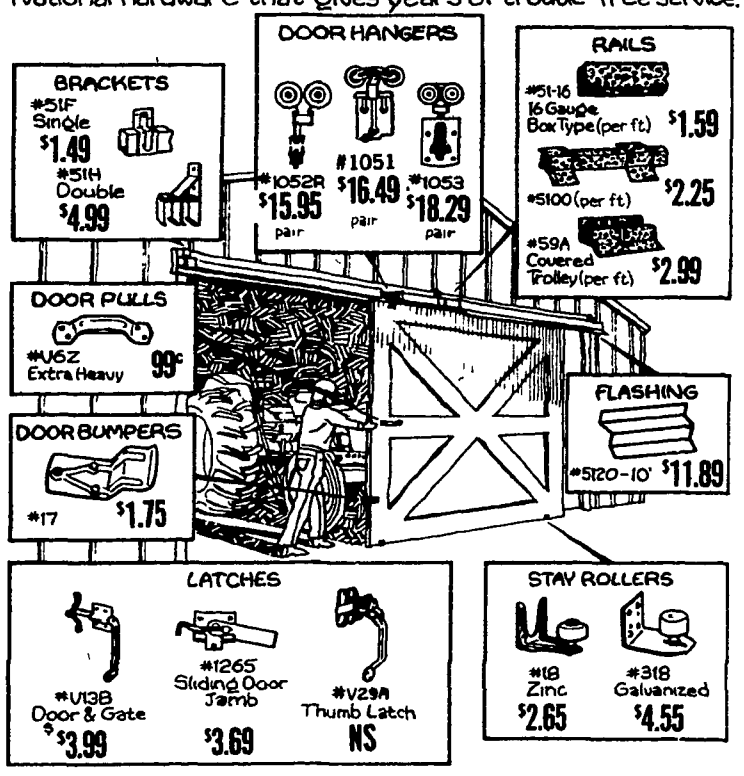

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12'	18.02	15.91	11.72	8.84
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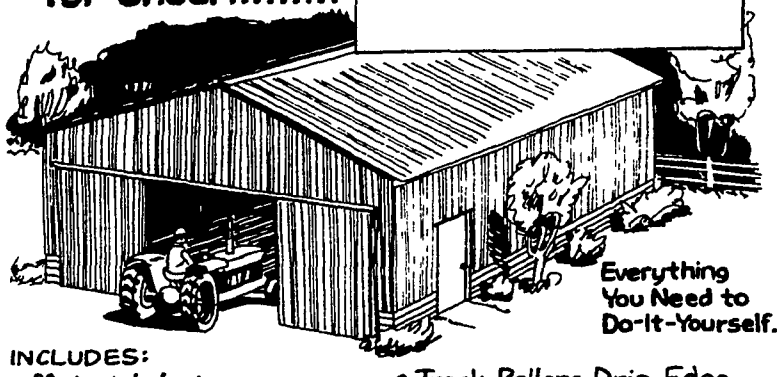

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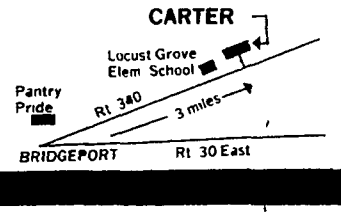

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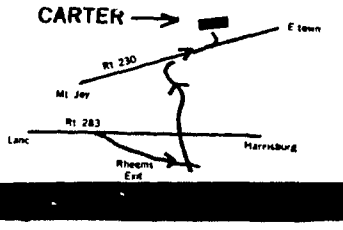

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

SAVE YOUR MACARONI FROM DROWNING

Are you drowning the nutrients out of your macaroni? If you follow the method used by many people to cook pasta products, you may be doing just that.

A commonly used method for making macaroni is to cook one cup of the pasta in eight cups of water, drain off the water, and then rinse in more water. By doing this, many people claim the product is less sticky. What many don't realize, however, is that it is also less nutritious.

Manufacturers of macaroni and some nutrients to enrich it. Some of these nutrients are lost in the cooking water when you use this method for cooking pasta. You lose even more of these nutrients when you rinse the macaroni.

In order to save your macaroni's nutrients and still avoid undesirable stickiness, it is suggested that you cook one cup of macaroni in only two and one-half cups of water. Add one teaspoon of oil to the boiling water and then add the pasta. Drain the pasta when cooked, but do not rinse. The oil protects the macaroni from sticking together and most of the water is absorbed by the macaroni, so fewer nutrients are lost.

OUTDOOR FURNITURE LASTS LONGER WITH CARE

Soap and water and a once-over with the garden hose will keep most outdoor furniture clean. A little extra care for materials such as redwood, aluminum, and plastic will preserve that like-new look for years.

Redwood furniture can be cleaned by a gentle hosing to remove loose soil or washed with warm water and detergent to remove food stains and stubborn soil. Soft drink stains can be removed from redwood with a week solution of laundry bleach. Rinse well.

Smooth all redwood surfaces with steel wool at the beginning or end of the outdoor season and apply a protective coat of penetrating sealer. Don't use a surface coating such as varnish or shellac.

Aluminum will turn gray with age and exposure to the elements. The gray, aged look of aluminum lawn furniture can be removed and the surface brightened with very fine steel wool. An aluminum jelly cleaner also may be used on aged aluminum, but should not be applied to new or anodized aluminum. An annual application of automobile paste wax will protect aluminum surfaces.

Auto paste wax can be used to preserve finishes on hardwood in outdoor swings, benches, seats, and other furniture. Exterior enamels on outdoor hardwood furniture can be cleaned with warm water and detergent. If the old natural finish becomes cracked and flaky, it should be removed with paint and varnish remover. Once the surface is smoothed with sandpaper, a new coat of marine or exterior type finish can be applied.

Warm water scrubbing with long bristled brushes will keep clean the woven seat webbing of outdoor furniture. Because vinyl material in outdoor furniture may be stained permanently by some suntan lotions, it should be protected with towels or other covers. Replacement webbing material is available at many outdoor furnishing stores.

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Ida's Notebook

Ida Risser

Today is "true" Memorial Day even though it was celebrated earlier in the week. Not only are we to remember our war dead but also family members who have passed on.

A child who helps to gather and arrange flowers in a vase for a trip to a cemetery will likely have a lasting memory of the occasion. This is especially so if a few words of explanation are given and appreciation expressed for the departed family members.

Memorial Day reminds me of blue iris and red peonies that my mother took to grave sites at this time of the year. Frequent trips to a cemetery make a final resting place seem less ominous.

But enough of such talk—with sugar peas waiting to be picked and the first strawberries ready to be placed gently in quart boxes, I should be out in the sunshine working. As Cindy plans to go to the seashore for a few days after graduation with some girlfriends, I fear the backbreaking job of picking those 500 feet of berries will fall on me.

Then again I can always hope that my oldest daughter, Nancy, who is flying East with her baby son in early June, will be able to help me. After all these weeks of weeding the strawberry patch because of an over abundance of chickweed in the area, I certainly wouldn't want anything to interfer with picking them.

I do live "off the beaten path" but when these fresh crops are ready to eat then many people find their way to my door. It is always a pleasure to share the harvest with others so that it can be frozen and enjoyed all year.

Students recognized at Honors Day

NEWARK, Del. — Top-achieving students in the College of Agricultural Sciences were recognized during recent Honors Day ceremonies at the University of Delaware.

Joining the university's 1981 Panel of Distinguished Seniors is Bruce R. Runk, Halstead, Pa. The panel is comprised of one student in each college, selected for outstanding academic and personal qualities.

Patricia N. Jackson, Woodlynne, N.J., received the Alpha Zeta prize, which recognizes the highest ranking sophomore in the College of Agricultural Sciences.

Margaret L. Hogan, Wakefield, R.I., received the Honors Day Book award, which goes to one sophomore or junior in each college.

The Wall Street Journal Award went to Scott A. Black, Newark. Another University-level award, this recognizes one outstanding senior in the College of Business and Economics and one in the College of Agricultural Sciences.

A number of agricultural majors also received recognition at the college level. Recipient of this year's $650 Ralston-Purina Award was Peggy Sue Obermann, Wilmington.

Southern States Scholarships of $300 each went to: senior Donald L. Bullock, Harrington, junior Paul S. Williamson, Greenwood, and sophomore Douglas W. Green, Townsend. A $400 Southern States freshman scholarship went to Vance C. Phillips, Laurel.

A National Alpha Zeta Scholarship went to Michael R. Liberati, Bel Air, Md. He was one of only 30 students across the country to receive this award.

Two outstanding seniors were recognized by the Botanical Society of America: Janet A. Trott, Newark, and Susan L. Schumacher, Wayne, Pa. The American Society of Agronomy's Outstanding Senior Award went to Philip M. Jardine, Wheaton, Il. Jardine also won the campus-wide Sigma Xi undergraduate research award.

York County plans dairy pageant

YORK — The York County Dairy Princess Committee is extending invitations to York area farm families and to the general public to attend their 1981 dinner and pageant on June 19, beginning at 7 p.m. at Wisehaven Hall, Prospect Road, York,

Special events of the evening include pageant presentations by the five contestants, special entertainment, and the crowning of the new princess by 1980 winner Tina Neufeld.

Dinner tickets are $7.25 for adults, $3.50 for children 4 through 12, and children under age 3 are free. Deadline for reservations is June 5, with tickets available from June Boyer, 225-5240; Anna Charles, 292-2370; or Carol Druck, 862-3844.

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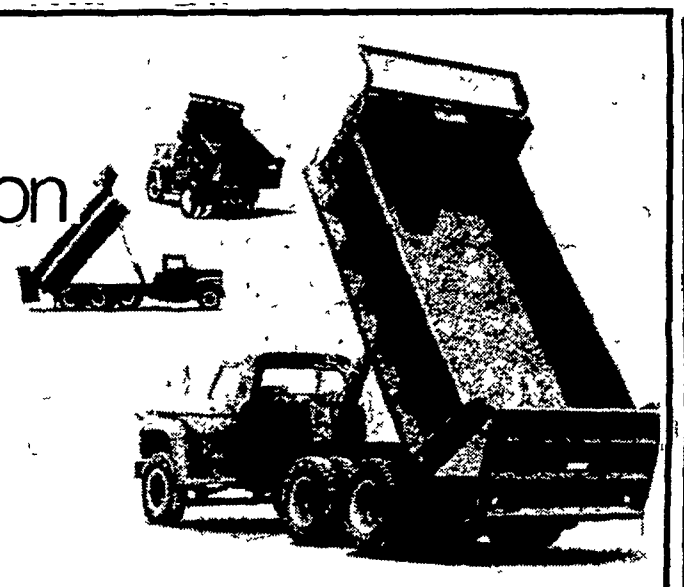

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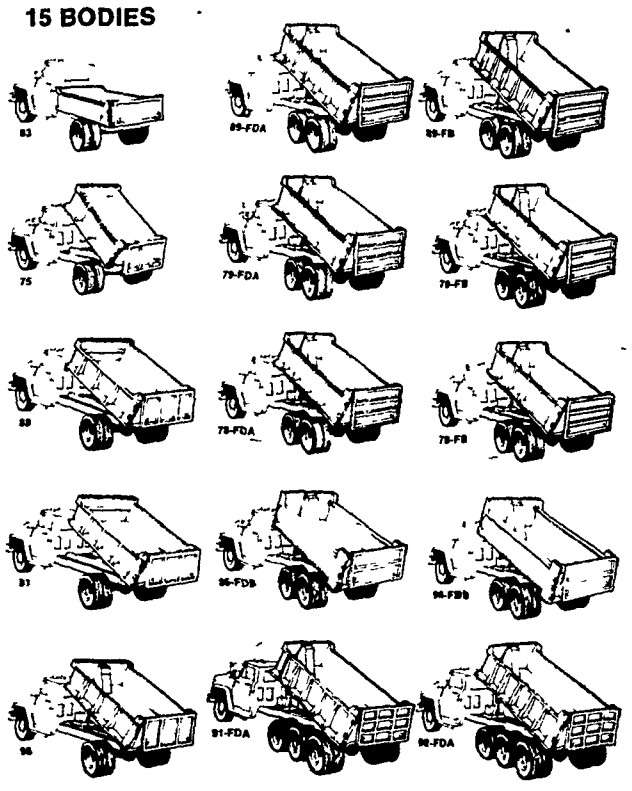

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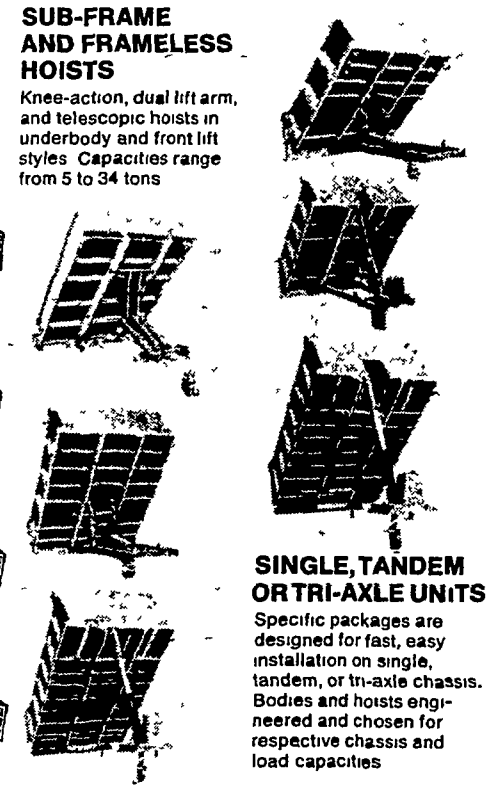

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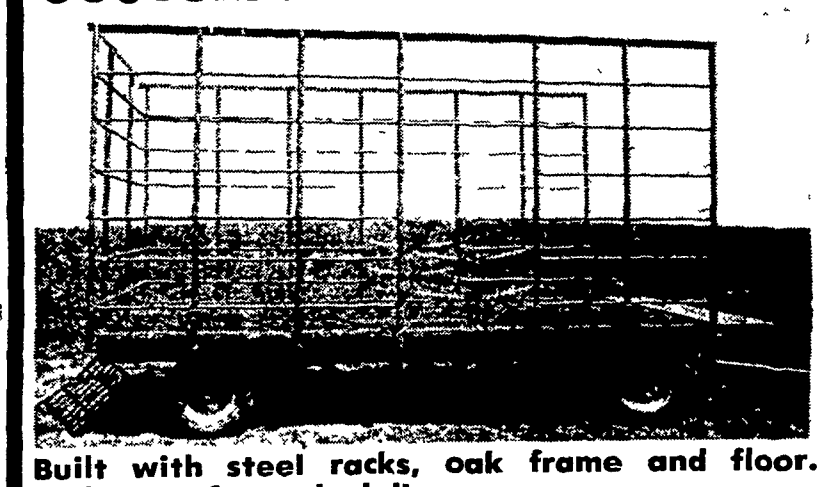

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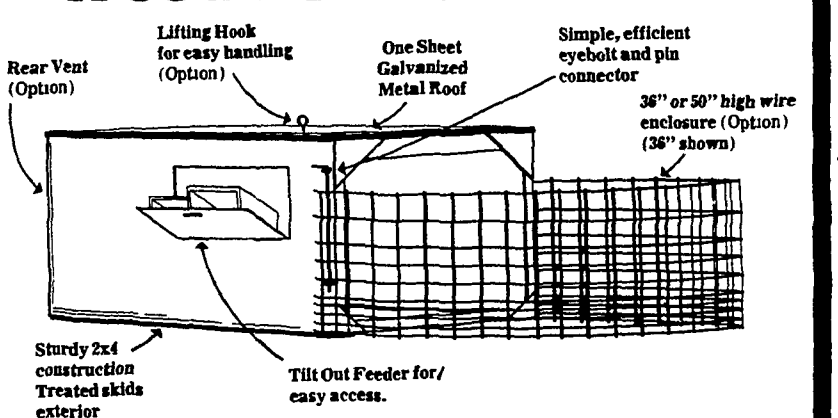
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Lawn survival patterns change

LANCASTER — This year's lawn season can be more promising than the current forecast. With proper planning and maintenance, and recognizing today's gardening trends, we might even discover new ways to care for and enjoy the pleasures of our home landscapes.

Overseeding or a new lawn.

Whether you overseed an old lawn or establish a new one, the changing times will require some changes in patterns. Mixtures are the order of the day, rather than straight varieties. Turf specialists recommend a blend of several grasses; good bluegrasses, fine fescues and some perennial ryegrasses make a popular combination depending on the area.

If you need or prefer instant turf, you can lay sod in a few hours or consult a professional. A good sodbed is important. Loosen soil 3-4 inches deep. Lime, fertilize and level. Moisten soil lightly before laying sod. Position each sod block tightly against the next.

Mowing

Moisture is conserved if the mower is raised to two inches. Then perhaps a mowing or two can be skipped during the year. Most lawns respond to a regular schedule of weekly mowing.

Fertilization

The usual rule is to use a well-balanced fertilizer in summer, fall and spring. However, this season you may want to hold back on pushing grass growth. Less nitrogen can be considered to maintain root growth rather than top growth. Then, too, a starved lawn is less apt to get diseases.

Watering

Watering problems, now a critical factor in many parts of the country, may continue for several years to come. There are some simple steps that can contribute to lawn survival.

Removal of thatch, the mat of last year's lawn clippings, will increase the amount of water that will soak into the soil.

The application of lime helps to improve the basic structure of the soil so that it will absorb more water.

Efficiently speaking, the best time to water would be between sunset and sunrise, thus minimizing any moisture losses due to evaporation.

Lawns may go dormant if there is a drought. They should survive and green up again in September when there is usually more rainfall.

Houseplants need special care

LANCASTER — House plants are individuals and each has its own growing and living requirements that directly relate to a healthy future.

There are three basic factors in the care of house plants that are crucial, light, water, and food. Too little or too much of any one of these can mean trouble.

Proper Light

Flowering plants need sun for several hours each day, and perhaps some more than others. For example, an east or west window is ideal for such favorites as geraniums, African violets, gloxinias, begonias, cyclamen, cacti and succulents. Do not hesitate to gradually move plants from full sun to less brilliant exposures, depending on the season.

Foliage plants require varying degrees of light. Normally, philodendron, dracaenas and parlor palm respond well to a low north light. Schefflera, fan palm, and aralia on the other hand are better near a bright window.

A Nourishing Diet

The house plant gardener sometimes forgets that her window box and patio family also need special diet attention for continued growth and vigor.

A balanced feeding formula used by many professionals contains equal parts (18-18-18) of nitrogen, phosphorus and potassium, fortified with chelated iron and manganese to prevent those deficiencies.

Try A Plant Tonic

To help weak plants bounce back give your iron deficient plants a new lease on life with Earth Care Professional Plant Iron Tonic. Effective in acid, alkaline and calcareous soils, it will restore green color quickly. Apply as a normal watering to plant and container.

Watering

A thorough watering requires that the soil be soaked through from top to bottom until it runs out of the pot's drainage hole.

Overwatering can be a problem. The first symptom is usually the dropping of the lower leaves. New leaves may appear on top, but an over-watered plant gets leggy and bare at the base.

If you suspect too much water, tap the plant out of the pot and look at the roots. Root tips should be white. If they are brown, report in loose, spongy soil mixture and water less frequently.

Cleanliness

A clean plant in a clean pot is much more apt to avoid insect problems, fungus and other diseases.

Clean your house plants regularly by syringing them in the sink or stroking the leaves gently with a soft, damp cloth. The water should be lukewarm. Remove yellow or damaged leaves, faded flowers, and any debris that has dropped off into the pot.

TLC

The greatest ailment of the plant can be the owner.

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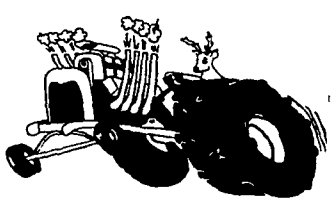

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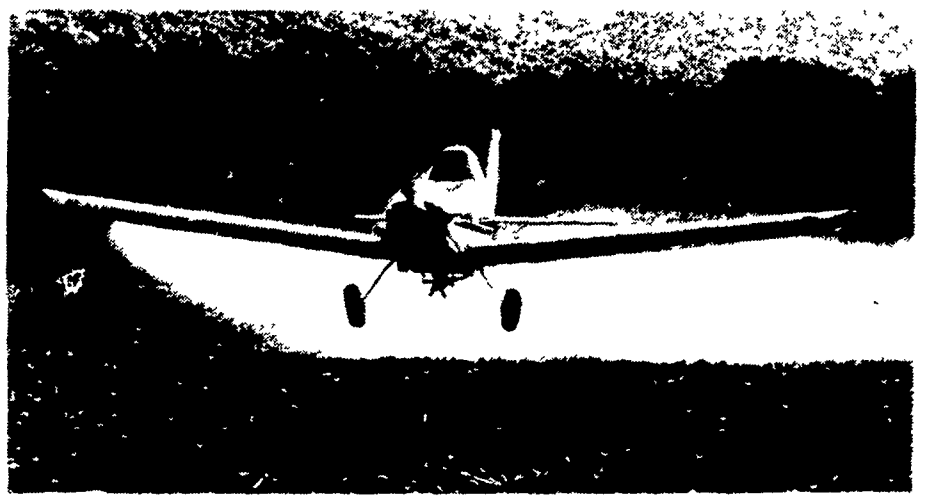

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Council names Pork Cookout King

DES MOINES, Iowa — As the fires died down, and the last contestant served samples to the crowd, the announcement came, "The new 1981 National Pork Cookout King is Ted Gernaey of Gillett, Wisconsin."

Twenty-four state pork cookout winners came to Des Moines to compete for the title of Cookout King, but Ted's "Pro Pork-burgers" were judged to be the best. His recipe features thick, ground pork burgers seasoned and stuffed with a mixture of mushrooms and Cheddar cheese.

The first runner-up was Kenneth Hobbs, Pueblo, Colorado for his Polynesian Pork Roast. The recipe features a boneless pork loin roast marinated and injected with a mixture of pineapple, wine, onion, soy sauce, ginger and other ingredients.

The Showmanship award was given to Henry Johnson, Grand Rapids, Michigan for his rib recipe which featured spareribs basted with a very spicy sauce, of hickory-flavored barbecue sauce, honey, hot sauce and lemon slices.

The Showmanship award is presented on the basis of the contestant's apparel, the side dishes served, the contestant's preparation ability, and the overall neatness and appearance of the cooking area.

Contestants selected their own favorite pork product to cook on the grill and they were scored on their grilling expertise, meat cut selection, taste and appearance, and their table display.

Sixteen judges including top newspaper food editors and professional home economists also selected the top recipe in each of five categories: chops and steaks, cubes and kabobs, ribs, roasts, and ground pork.

A crowd of about 600 people watched as the contestants cooked their dishes at Living History Farms, an open air museum depicting past and present rural life in Iowa. Visitors to the contest also had a chance to register for several grills and other prizes that were given away throughout the contest.

Contestants to the national contest first competed in local and state cookout contests sponsored by state pork producer associations. The grand prize award to the Cookout King is an all expense paid week in Hawaii for two. The runner-up receives an all expense paid week for two to the city of his choice in the continental United States.

Craft Days scheduled

LANCASTER — The twenty-fifth annual Craft Days weekend will be held Saturday and Sunday, June 6 and 7, from noon to 5 p.m. at the Pennsylvania Farm Museum of Landis Valley.

Craft Days is an outdoor festival featuring demonstrations of more than forty different crafts and activities associated with rural life from 1750 to 1900. Visitors will also be able to see the Veterinarian's Office; the Issac Landis Gallery; and the Grossmutter House; areas open only on special occasion.

Craftsmen who participated in the first Pennsylvania Farm Museum Festival held in 1957 will be at work on Craft Days. They are Hugo Fiora, potter, and Robert Hostetter, silversmith and calligrapher.

The Pennsylvania Farm Museum of Landis Valley is located four miles north of Lancaster on Route 272, the Oregon Pike.

There will be a $3 admission charge for adults; persons over age sixty-five will be charged $2, and those under age twelve will be admitted free.

For additional information, call Susan Hanna at (717) 569-0401.

Grange announces sewing winners

HARRISBURG — Finalists in the 1981 State Grange Sewing Contest were announced recently after a full day of judging.

Entries, totaling 75 garments from Pomona or county granges, were judged on appearance and basic construction by home economics specialists in Centre County.

The overall winner, or Best of Show, was a western outfit made by Marie Hilderbrand, age 23, of R1 Summerville. Ms. Hilderbrand is a member of Beaver Grange 1988 in Jefferson County.

Garments were judged in four categories: Class A - adult; Class B - youth; Class C - children's garments; Class D - boys and girls (garments made by children age 12 and under for themselves).

Prizes will be awarded by the State Grange in June; first place garments are sent to New York for national judging.

The annual contest is co-sponsored by Simplicity patterns and Dritz sewing notions.

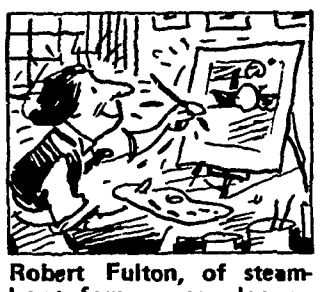
This year's state winners are:

Class A, adult: Marie Hilderbrand, R1 Summerville.

Class B, youth: Nancy Yarnall, age 17, R1 Oxford.

Class C, children: Joyce Reiner, R2 Dillsburg.

Class D, boys and girls: Tricia Lynn Cox, age 9, R2 West Alexander.



Robert Fulton, of steamboat fame, was also an accomplished artist!

Council funds Younkin scholarship

UNIVERSITY PARK — The Pennsylvania Pork Producers Council has established a scholarship in memory of Dwight E. Younkin, a former Extension professor of animal science at Penn State.

The fund will benefit outstanding students at The Pennsylvania State University who have an interest in swine, according to Grand W. Sherritt, associate professor of animal science.

To be considered for this scholarship, the student must be enrolled in the animal production major, have an interest in swine production, demonstrate academic ability and a need for additional college funds, and participate in various Penn State activities.

The selection committee from the College of Agriculture will determine the number and amount of scholarships to be awarded. Each scholarship lasts for one academic year.

If the recipient continues to meet the requirements, the selection committee may renew that student's award for the following year. The amounts of the scholarships will depend on annual earnings of a permanent bearing fund.

Dwight E. Younkin was Extension livestock specialist at Penn State from 1953 until 1980. A native of Somerset County, Younkin earned both his bachelor's and master of science degrees in animal husbandry from Penn State.

Gifts to the fund should be marked "The Dwight E. Younkin Memorial Scholarship" and sent to the Office of Gifts and Endowments, The Pennsylvania State University, 23 Willard Building, University Park, PA., 16802.

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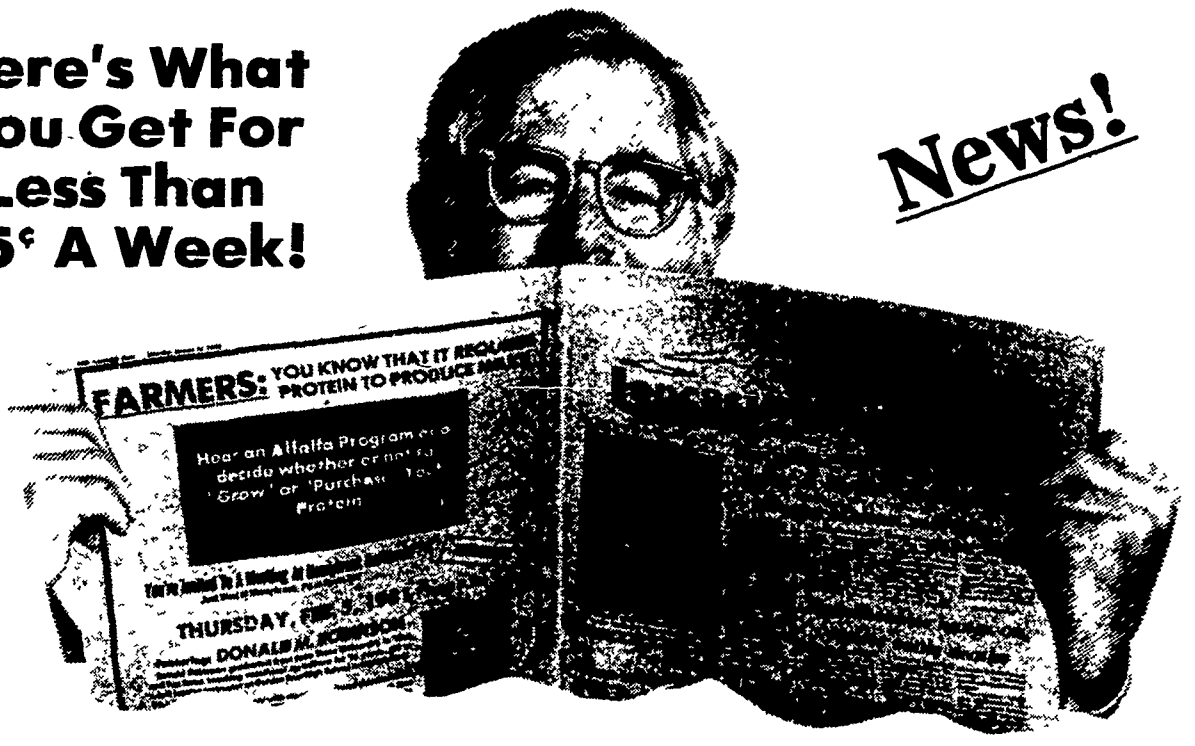

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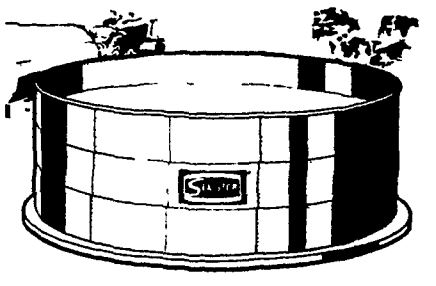

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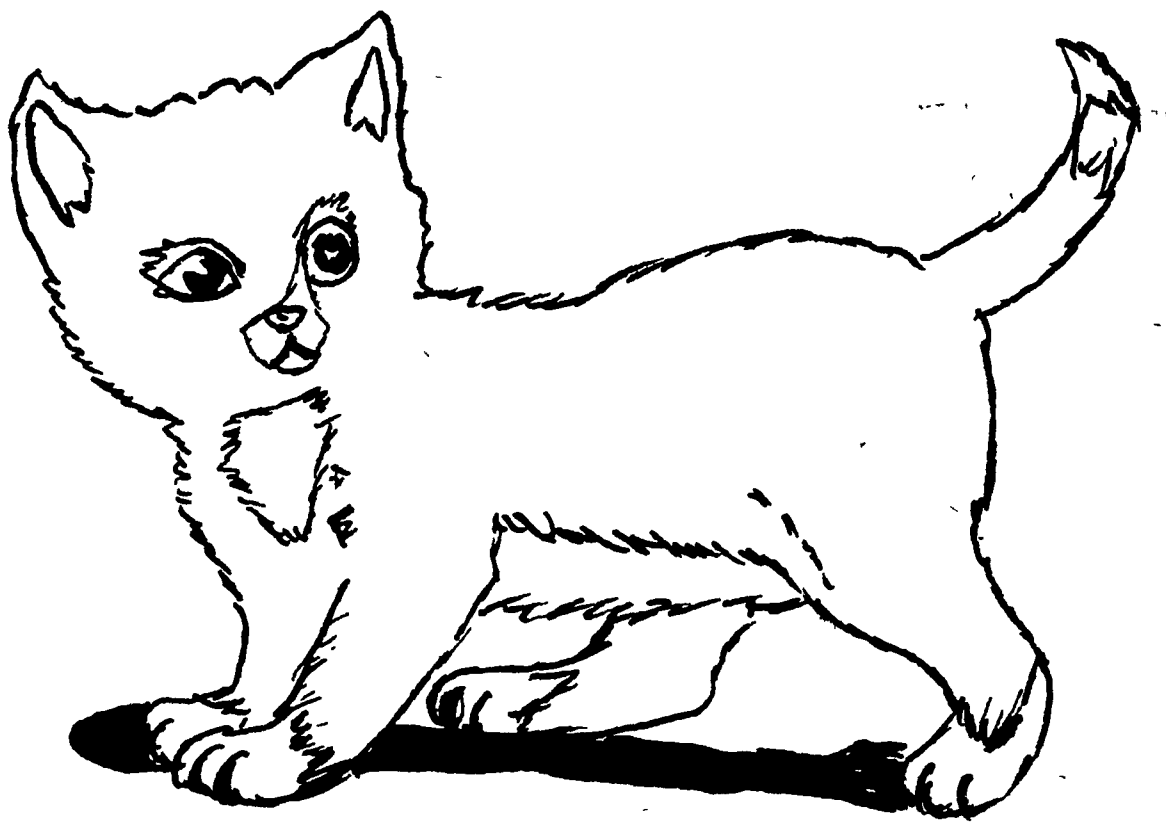

Color this furry feline friend.

Take care of your cat's ears

LANCASTER — Dogs and cats are born with an acute sense of hearing that is actually twice as good as man's. But ears are a source of frequent trouble for these pets, and it is important to take special care while grooming to keep their ears as clean as possible.

Dog and cat ears are very sensitive; in fact, many pets resist having their ears touched at all. Normally, however, if you speak in a calm reassuring voice, your pet will accept ear cleaning as part of its normal grooming routine.

Never poke or probe at your pet's ears, and never wash the ears out with soap and water. Instead, apply a small amount of baby oil or peroxide on cotton and wipe only as far as you can without stretching the tissue. Long-haired and floppy-eared dogs will need more attention more frequently, because there is little air circulating in their ears.

If the surface of your pet's ears appears dry, you might wipe it gently with a mild ointment to lubricate slightly. If the surface seems too moist, a dusting with boric acid power might be helpful. But you should go no further. If either condition persists, further treatment is a matter for your veterinarian.

If you suspect that your pet has any kind of ear trouble, the best thing to do is leave the ear alone and call your veterinarian. Many over anxious owners probe too far into their pet's ears and may permanently damage the ear canal.

(Turn to Page C14)

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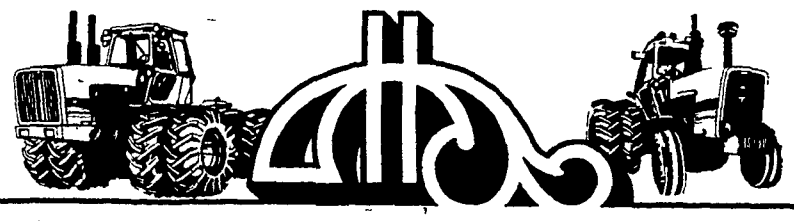

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Bucks, Montgomery 4-H attend workshop

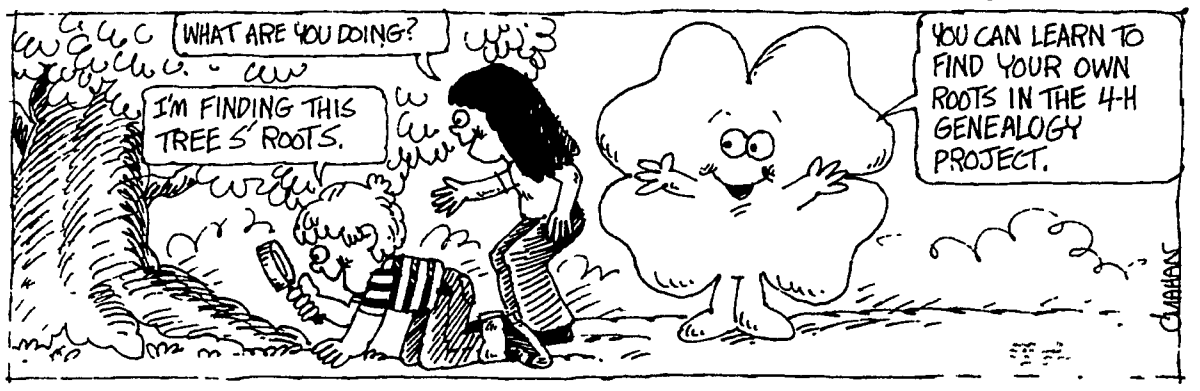
DOYLESTOWN — Four-H and FFA members from Bucks and Montgomery counties recently participated in a Farm-Business Cooperative workshop sponsored by the Bucks-Montgomery Council of Farm Cooperatives held at Interstate Milk Producers, Southampton.

The educational program stressed the importance of cooperatives in the American business system. The young people heard Ray Weber, Director of Dairy Council, Inc., speak on the nutrition value of milk. The group toured the research testing facilities at the Quality Control Laboratory.

Several members were selected to attend a week-long seminar at Shippensburg State College this summer sponsored by the Pennsylvania Association of Farm Cooperatives. Representing Bucks County 4-H will be: Bonnie Hottle, Coopersburg; Tom Reynolds, Churchville; Arthur Yoder, Doylestown; and alternate Lisa Comly, Ottsville. John McGann was selected from Montgomery County 4-H. Western Montgomery County Vo-Tech will be represented by Dean Marks, and Shannon McGaughn, with James Smith as an alternate.

At the Shippensburg seminar, several young people will be selected to attend the American Institute of Cooperation in Fort Collins, Colorado, in August.

CHRIS CLOVER



New Holland 4-H reviews project books

NEW HOLLAND — The New Holland 4-H Community Club met May 11 at Goodville Fire Hall to go over their project books.

Forty-five members and their parents attended this meeting.

On June 5 members that have pigs for a project will meet. Bill Fisher is in charge of these members. On that day, Mr. Fisher and Arnold Luech will weigh the pigs.

Other leaders are Gideon Coblentz and Ron Frederick who are in charge of the Handyman Group. Dee Fisher and Mrs. Woodrow Good have vegetables and flowers.

Some of the other projects that are available are rabbits, engines, and pet care.

The next meeting will be on June 10.

Guernsey club meets

LANCASTER — The monthly meeting of the Lancaster County 4-H Guernsey Club was held recently at the home of Kenny Garber.

Members started the night with a judging demonstration by Peter Witmer.

Members were asked to file an entry card for the next meeting and to bring an idea for a calf drawing contest.

Glen Shirk, county extension agent, reviewed proper procedures to use when filling out record books.

The next meeting will be held at the home of George Rohrer.

Cat's ears

(Continued from Page C12)

Some of the more obvious symptoms that indicate infection: black caking around the canal just inside the ear; frequent shaking of the head and pawing at the ear; holding the head at a strange angle so that you think your pet has lots it wits; a strong odor coming from the ear; or heavy waxy material and matted hair on the inside of the ear. Do not use medication or insecticides that might be around the house.

Sometimes ear ailments are caused by nothing more than an insect bite, a minor ulceration or a small pimple. But even these minor inflamations can upset your dog or cat. Your pet can become quite annoyed and irritate the ear until both of you become frantic and the situation worsens.

Hematomas — swelling that contain blood — sometimes occur in the middle of the skin of the ear flap. They may result from a sharp blow which ruptures the blood vessels in the ear, or by your pet's scratching and shaking his ear as a result of ear inflammation or infection.

Occasionally, dogs suffer from otitis media, an inflammation of the middle ear. This condition comes from an infection of the external ear passage or the nasal passage by way of the eustachian tube — the tube connecting the middle ear with the upper part of the throat. Common symptoms are pain, fever, ear discharge and possible loss of balance.

Often chronic ear irritations are caused by mites that settle in the ear. Symptoms of this infection are the same as for other ear infections. Prompt attention to mites can give your pet relief from miser

Remember that at the first sign of ear discomfort, you should take your pet to the veterinarian. He will know how to treat the various ear problems your dog or cat might have. And he can demonstrate proper ear care for your pet so you can avoid future problems.

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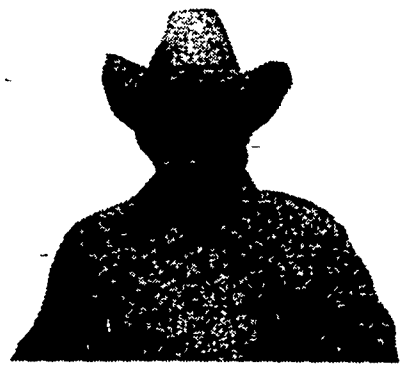

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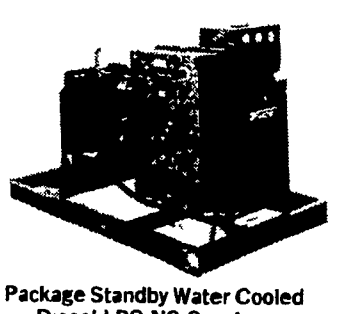

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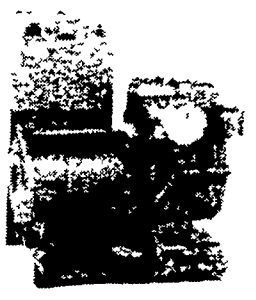

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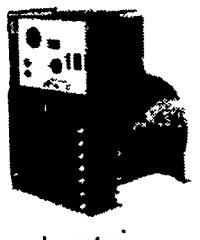
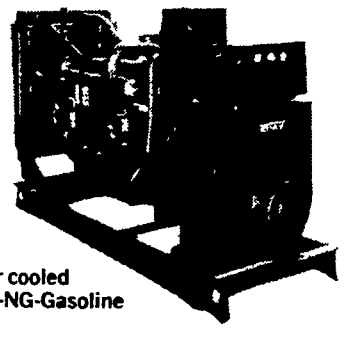


Irrigation



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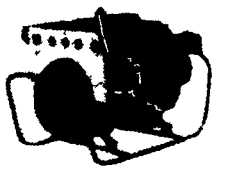

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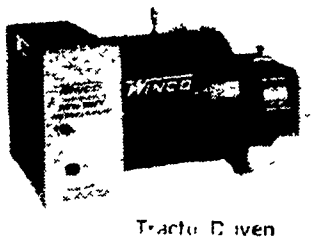

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Beef club plans picnic

SHIREMANSTOWN — The Cumberland County 4-H Baby Beef Club met recently at the Middlesex Township Building.

The club decided to hold its annual picnic Aug. 16 from noon to 4:30 p.m. at the Shiremanstown Recreational Park.

For the evenings program, Laura L. Watts, Cumberland County Extension Agent, showed slides of the cuts of meat of the carcass of the Farm Show's grand champion steer, which graded Good, and another Farm Show steer that graded Choice.

The Beef Club is open to any young person between 8-19 years old. For more information, contact Cumberland County Extension Service at 717-249-7220.

Springtown 4-H to meet

SPRINGTOWN — The next meeting of the Springtown 4-H will be on June 5, at the Springtown Firehouse, at 7:30. All members are reminded to bring their $3 for dues and insurance.

The club is fortunate to have the 1980 Bucks County Dairy Princess, Diane Sames, do her skit which won her the Bucks County Dairy Princess title, at the next meeting. On June 6, Diane will be replaced by a new, 1981, dairy princess.

The club will also be voting on a pattern for a club t-shirt.

Anyone who is interested in joining the club is welcome. Any questions please call 346-7186.

Tips for healthy poultry

NORRISTOWN — To assure healthy birds in a small flock of 4-H poultry kept for show, meat, or eggs, follow these management tips from Herbert C. Jordan, Extension poultry specialist, The Pennsylvania State University.

-Buy only healthy chicks that have healthy parents and come from families with the genetic potential for your needs, such as large eggs, high egg production, efficient meat production, and good livability.

-Buy chicks that are properly vaccinated for Marek's Disease while at the hatchery. Flocks extremely isolated from other poultry may get by with no vaccine at all.

-Do not breed birds and hatch your own stock unless they are tested for Salmonella Pullorum and have an approved breeding and hatching program.

-Keep birds in a dry pen with deep, clean litter, with fresh air, fresh water and fresh, wholesome feed before them.

-Keep people away from your birds if these people have visited other poultry within the same week.

-Clean out and periodically wash and disinfect the pen as needed.

-Have health problems diagnosed early. Submit sick or dead birds to a poultry diagnosis lab immediately after a sickness is noticed.

-Dispose of dead birds by burning or burying them 2-3 feet in the earth.

-Keep the pen well insulated and ventilated.

-Provide clean, dry, fresh wholesome complete poultry feed for the birds at all times except during feed restriction periods.

-Feed grain sparingly or not at all in hot weather.

-Feed grainte or insoluble grit to all birds once each month.

-Use medication only when necessry.

-Do not crowd birds in a pen - give floor layers 2 to 4 square feet per bird, give chicks on the floor one square foot per bird until 8 weeks then 2 square feet or more till maturity.

-If any problems arises contact your local veterinarian, poultry serviceman or County Agricultural Extension Agent immediately.

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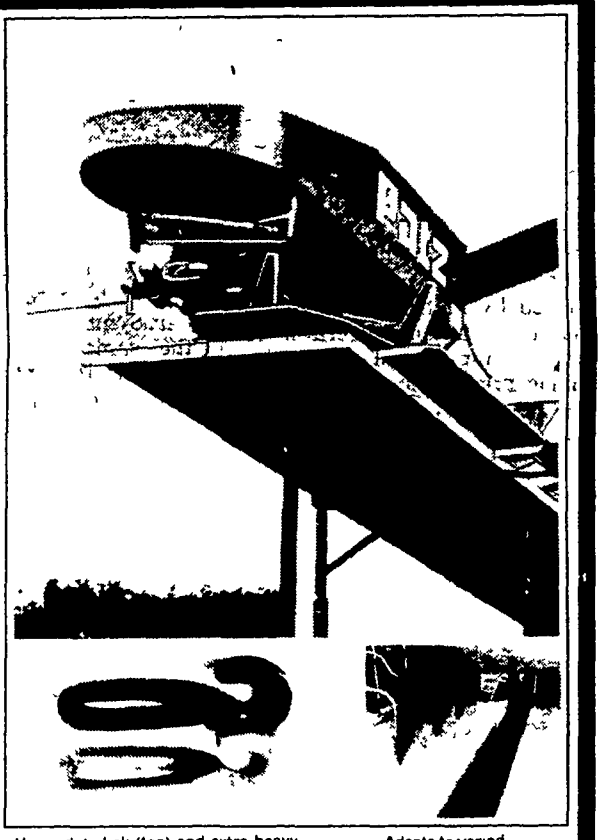

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FFA project highlighted

WINSTON-SALEM, N.C. — Community betterment projects and the young people who carry them out are the focus of BOAC EXTRA, a new publication for members of the Future Farmers of America.

The newspaper, to be published periodically, by R.J. Reynolds Industries, Inc., will feature the successful efforts of FFA members to make their small and rural communities better places to live and work. The publication hopes to encourage more of FFA's 8,500 chapters to join the 1,500 already conducting projects in the Building Our American Communities program.

The first issue of BOAC EXTRA features stories about community projects ranging from sand dune preservation in Florida to reforestation in Washington.

R.J. Reynolds Industries became the national sponsor of BOAC in 1980.

The BOAC program seeks to improve the quality of life in rural and small communities while building youth leadership.

The FFA chapter in Water Valley, Miss. helped develop a 25-acre outdoor classroom, complete with log cabin as its Building Our American Communities project. The project is used by students from throughout Mississippi in studies ranging from the environment to history and science.

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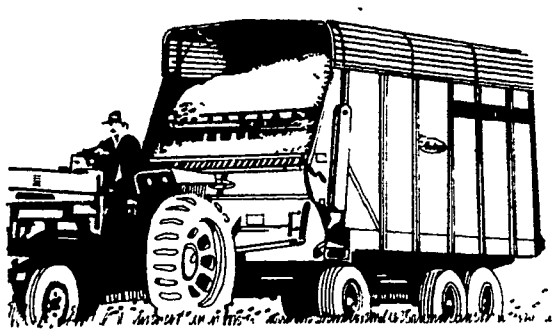

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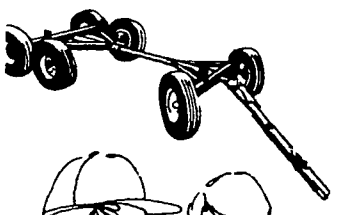

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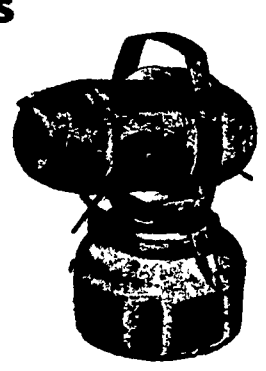

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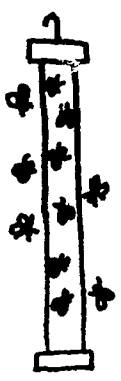

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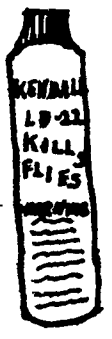

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Cedar Crest places in contests

LEBANON — Several members of the Cedar Crest FFA participated in the Berks-Lebanon-Schuylkill Area FFA Contests held at the Annville-Cleona High School.

The interview contest consisted of filling out an application, writing a letter of application, and a personal interview. Bob Bomberger placed 5th with a score of 143 points in this contest, and Heidi Peiffer placed 12th with 132 points.

The salesmanship contest evaluated the membership knowledge of Agway Products, their salesmanship abilities and the ability to write out a bill and give correct change. Rick Houser placed 1st with 150 points, and Dave Ludwig placed 7th with a score of 128 points.

The small engine contest consisted of being able to pick out faults of an engine and get it running within 50 minutes. A written test was also given. Lloyd Bixler placed 6th with a score of 127 points, and John Ulrich placed 7th with 126 points. Together they placed 4th as a team with 253 points. They were 2nd in Lebanon County.

The Lebanon County Parliamentary Procedure and Public Speaking Contest were held at Elco High School. Kirk Juliani placed 4th in Soil Conservation Public Speaking. Dave Ludwig placed 2nd and Mark Patches 4th in FFA public speaking contest. The area contest was held at the Berks County Intermediate Unit. Mark Patches placed 7th and Dave Ludwig 8th in the area FFA public speaking contest.

USDA reduces grain inspection fees

WASHINGTON, D.C. — Fees for original inspection and official grain weighing in the United States will be reduced tomorrow, a U.S. Department of Agriculture official said.

David R. Galliart, acting administrator of USDA's Federal Grain Inspection Service, said the new fees will reduce by 50 percent the fee increases which went into effect January 4.

"We noted then that we would reevaluate the fees to determine if they reflect the costs of the service and are adequate to maintain a reasonable operating reserve," Galliart said.

"We've decided it's possible to reduce fees and still maintain a reasonable operating reserve as required by the U.S. Grain Standards Act," he said.

The new fees per staff hour for original online inspection and official weighing services will be $12 per hour for contract services on regular workdays, down from $13. New fees for non-contract online inspection and official weighing services will be $14.40 per hour, down from $16.

New fees for inspection trucks will be $7.15 per unit, down from $7.80. Inspection of boxcars will cost $11, down from $12. Inspection of hopper cars will be $14.85, down from $16.25.

Fees will not change for appeal inspections and reinspections performed by FGIS in the U.S. Fees in Canada will also remain the same.

Details of the new fee schedule were published in the May 15 Federal Register.

Copies of the new fee schedule may be obtained from John W. Marshall, director of inspection, Rm. 0627 South bldg., FGIS, USDA, Washington, D.G. 20250, phone 202/447-8497; or from George Lipscomb, Director of Weighing, Rm. 3117 Auditors Bldg., FGIS/USDA, Washington, D.C. 20250, phone 202/382-1731.

Lebanon County FFA elects officers

A new slate of officers were recently elected by the Lebanon County FFA for the 1981-82 year. They include:

Seated front row, from the left: Daryl Balmer, vice-president, Annville-Cleona; Patti Heilinger, secretary, Elco; Todd Propst, president, Northern Lebanon; Bob Bomberger, treasurer, Cedar Crest.

Standing, from the left: Mark Deaven, historian, Northern Lebanon; Brian Sell, sentinel, Annville-Cleona; James Bennetch, reporter, Elco; Steve Wenger, chaplain, Cedar Crest; Kelley Dissinger, second vice-president, Lebanon County Vo-Tech.

Missing from the photo is Clarence Backert, parliamentarian, Lebanon County Vo-Tech.

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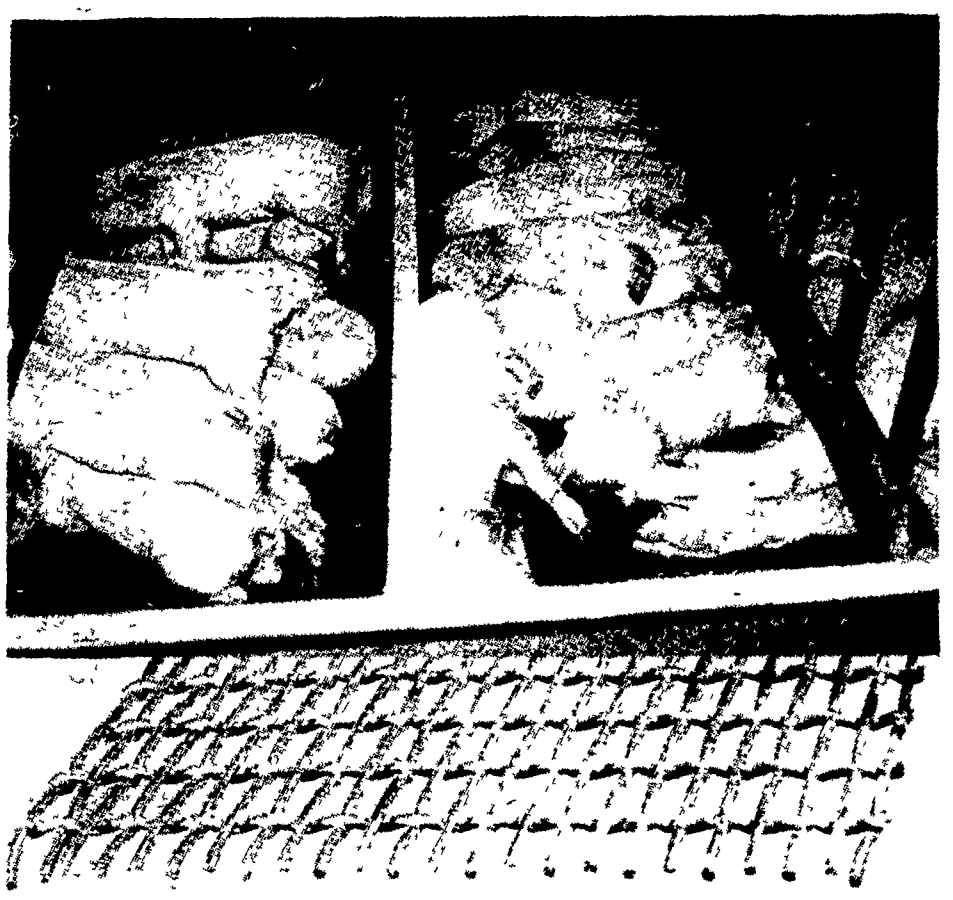

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Block appoints marketing order review team

WASHINGTON, D.C. — Secretary of Agriculture John R. Block said he has appointed a team to review the economic efficiency of federal marketing orders for fruits, vegetables and related specialty crops.

Block said the President's Task Force on Regulatory Relief, headed by Vice President George Bush, has called for a review of marketing order regulations with a goal to eliminate any that are not needed or that hamper productivity.

The team will assess probable effects of marketing orders on producers, handlers and consumers if various legislative administrative options were followed, Block said. Changes in economic conditions and philosophy will be taken into account, he said.

The five-member team is expected to complete its work in September and issue a report.

Team members are: Richard Heifner, staff economist with USDA's Agricultural Marketing Service in Washington, D.C., who serves as the team's chairman; Walter Armbruster, associate managing director, Farm Foundation, Oak Brook, Ill.; Edward Jesse, agricultural economist with USDA's Economics and Statistics Service, University of Wisconsin, Madison; Glenn Nelson, professor of agricultural and applied economics, University of Minnesota, St. Paul; and Carl Shafer, professor of agricultural economics, Texas A&M University, College Station.

There are 48 federal marketing orders and agreement programs for a wide variety of fruits, vegetables and related specialty crops like nuts, hops and spearmint oil, Block said. The programs are authorized by law and give agricultural producers and handlers means of coping with particular marketing problems they have.

Depending on the marketing order and commodity, requirements may be set to regulate the quality and sizes of the commodity marketed, the quantity or both. Some marketing orders also permit the commodity industries to finance research and market development projects through assessments that handlers pay

A committee of growers, handlers and in some cases, public members, works with the U.S. Department of Agriculture's Agricultural Marketing Service in administering each marketing order program.

The review team will give special attention to those regulations that enable agricultural industries to control quantities of commodities marketed through various means such as reserve pools, producer allotments, rate-of-flow provisions and shipping holidays, Block said.

Seven advisors will aid the team in its study, and representatives of producers, handlers and consumers will be consulted. As part of its study, the team will examine other studies made by various governmental agencies and universities during the past decade.

Advisors to the study team include: Charles Brader, director of the fruit and vegetable division of USDA's Agricultural Marketing Service in Washington, D.C.; Olan Forker, chairman of the department of agricultural economics, Cornell University, Ithaca, N.Y.; Marshall Godwin, economist with USDA's Economics and Statistics Service in Washington, D.C.; Ted Moriak, economist with USDA's Office of Budget, Planning and Evaluation in Washington, D.C.; Allen Paul, economist with USDA's Economics and Statistics Service in Washington, D.C.; Donald Ricks, professor of agricultural economics, Michigan State University, East Lansing; and Tim Wallace, extension economist on policy and research, University of California, Berkeley.

Noted horticulturalist to head Nat'l Arboretum

WASHINGTON, D.C. — Henry Marc Cathey, a world authority on plant growth regulation and ornamental plants, was named Director of the U.S. National Arboretum in Washington, D.C. on Wednesday. The appointment was announced by Steven C. King, Northeastern Regional Administrator, Agricultural Research, in the U.S. Department of Agriculture's Science and Education Administration.

A major research institution with 444 acres for plant breeding and cultivation, the National Arboretum is famous for its collections of camellias, azaleas, dwarf conifers, and other ornamental plants. It houses the National Bonsai Collection and the new National Herb Garden, the latter a joint venture of the Arboretum and The Herb Society of America.

Cathey has been Chief of the Florist and Nursery Crops Laboratory in SEA's Horticultural Science Institute at Beltsville, Maryland since 1972, and was president of the American Horticultural Society from 1974 until 1978. During the past year, he has been the first appointee to the D.C. Kiplinger Chair in Floriculture at Ohio State University, where he assessed the future priorities and problems of ornamental and flowering plant research.

A native of Davison, North Carolina, Cathey received his B.S. degree from North Carolina State University in 1950, then worked for a year as a florist in North Carolina. He received his M.S. and Ph.D. degrees from Cornell University and studied for a year in Europe as a Fulbright Scholar at the Agricultural University in Wageningen, Netherlands, before joining USDA as a research horticulturist in 1956.

At the Beltsville Agricultural Research Center, Cathey's research on the interrelations of light and temperature and chemicals in the growth of plants benefitted both commercial growers and consumers. From this research, Cathey developed guidelines for applying light and chemicals to control the size, shape, color, pollution tolerance, and flowering of a large number of florist- and nursery-grown plants.

Cathey is known for his televised horticultural presentations and has been a regular guest on NBC's **Today** and **Morning Break** shows. A prolific writer, he has produced 22 "Home and Garden Bulletins" and has made frequent contributions to the **American Horticulturist**, the official publication of the American Horticultural Society. He was elected a fellow of the American Society for Horticultural Science in 1972.

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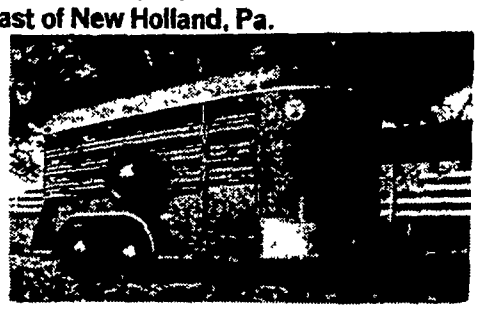

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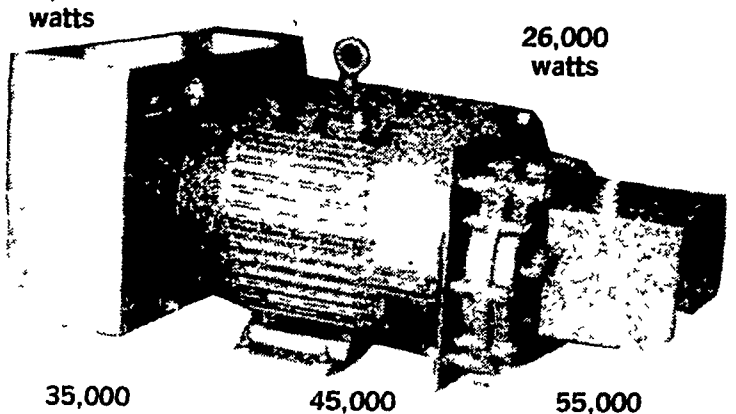

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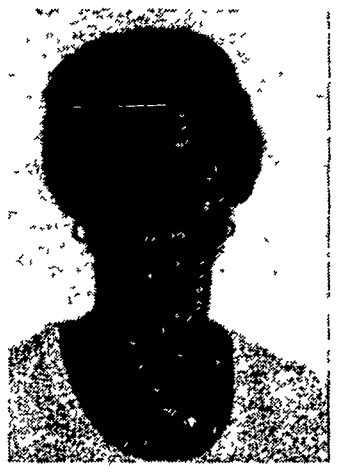


On being a farm wife -And other hazards

Joyce Bupp

"They just don't build things to last like they used to."

If there was ever an All-American lament, that's got to be it.

But I'm nost sure that the problem with our "Everlasting Gate" was all the fault of the manufacturer.

We never seem to have enough gates around here. Ideally, we'd have all tough gates made of sturdy pipe, like those home-designed ones that hang here and there, but sometimes due to emergency needs, we purchase those of different construction.

Like "The Everlasting Gate."

That's its name, the letters neatly stenciled across the top of the flat metal cow lot divider.

Laurie and our young bull were on one side of "The Everlasting Gate" one afternoon not long ago.

Laurie is one of those problem breeder cows, who's met so often with the artificial insemination process that we should apply for a bulk rate. In disgusted desparation, the farmer sent Laurie beyond "The Everlasting Gate" to visit with the gallant sire.

Still on the near side of "The Everlasting Gate" was Gent, another cow turned out into the lot to check for signs of interest in renewed motherhood. What Gent displayed was more than a little interest in the great beyond of The Gate, where Brat, the bull, (what's in a name?), was strutting his masculine handsomeness.

"The Everlasting Gate" had our firm trust that it would everlastingly divide the two lots.

And that was a mistake.

Gent was not to be kept from the gate's great beyond.

Just as the farmer had assured our little farmer that the gate would indeed keep a pacing Gent on her own side, the big cow took a flying leap. Her 1,600-plus pounds, spurred by amorous intent, landed squarely on top of "The Everlasting Gate," crinkling the neat rows of gray metal like a discarded piece of junk mail.

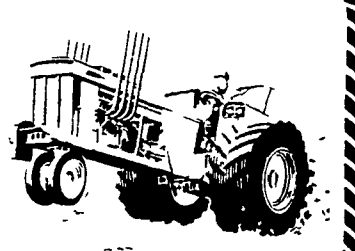
"Gee, all that was left was the "The," chuckled the little farmer at the dinner table.

Diligent pounding and straightening returned the gate to a more respectable condition for the remainder of its everlasting days.

But I don't think this was a case of false advertising.

More like consumer abuse, wouldn't you say?

Tractor Pull Tally



Buck Winners
May 23
5000 Super Stock

1. Jim Brubaker, Quarryville, Pa., AC 180, 239.9; 2. Dale Smoker, Cochranville, Pa., AC 180, 215.6; 3. Carl Bomgardner, Annville, Pa., FA 460, 212.3.

5000 Modified

C & E Pulling Team, Lebanon, Pa., 468 Chevy, 269.4; 2. Stanley Grover, Pequea, Pa., 2-468 Chevy, 265.8; 3. Carl Kreider, New Providence, Pa., 454 Chevy, 243.0.

7000 Super Stock

1. Dan Greenleaf, Martinsburg, Pa., JD 4010, 290.0; 2. Dale Smoker, Cochranville, Pa., AC 180, 246.2; 3. Carl Bomgardner, Annville, Pa., FA 460, 210.7.

5800 FWD

1. Dan Fellenbaum, Lititz, Pa. 1969 Chevy, 300-256.3; 2. Ronald Kauffman, Holtwood, Pa., 1975 Ford, 300-252.5.

7000 Modified

1. C & E Pulling Team, Lebanon, Pa., 2-468 Chevys, F Pull; 2. Elwood Furek, Lititz, Pa., Allison, 281.6; 3. Stanley Grover, Pequea, Pa., 2-468 Chevy 280.6.

9000 Super Stock

1. Harry Griest, Coatesville, Pa., IH 456, 240.6; 2. Dan Greenleaf, Martinsburg, Pa., JD 4010, 229.3.

9000 Open

1. C & E Pulling Team, Lebanon, Pa., 2-468 Chevy, F.P.; 2. L & Z Pulling Team, Mt. Joy, Pa., 3-440 Dodges, 253.10; 3. Earle Henderson, Baldwin, Md., T/53, 244.1.

6200 FWD

1. John Adams, Centreville, Md., 1975 Ford, 249.5; 2. Dan Fellenbaum, Lititz, Pa. 1969 Chev., 243.5; 3. Dave Grove, Port Deposit, Md., 1973 Ford, 227.5.

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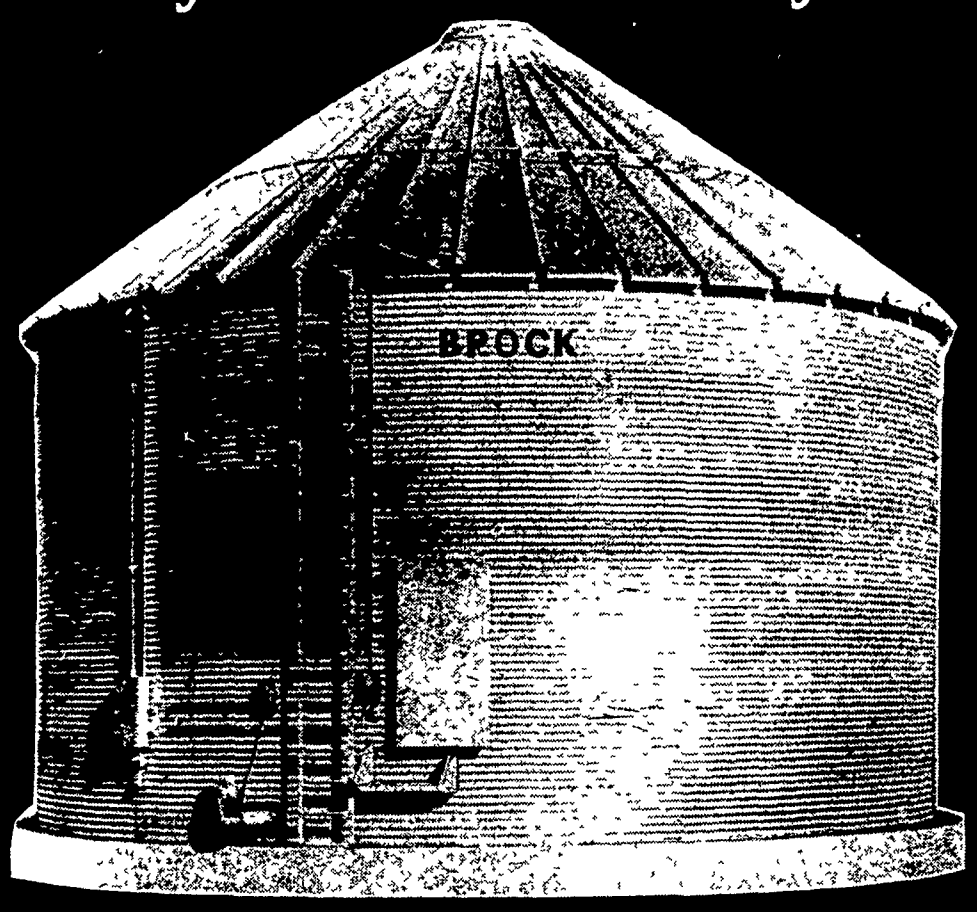

Reduce the 40-inch fill hole width to 24 inches.
Eliminate the exclusive fill hole collar seal
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Eliminate 3-inch high roof ribs
Make the roof pitch less than 35 degrees
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Eliminate the tab between each rafter
Switch to a lighter gauge steel sidewall
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Youth, calves share spotlight

EASTON — Hard work, learning, sharing and fun combined once again in what has become a popular tradition in Northampton County: Youth Day.

The program pairs a youngster with experience and a youngster without experience in a one day concentrated fitting and showing event. The activities of the day are open to all Northampton County youth.

This year, 42 participated. It was held May 16 at Upstream Farm, Easton, which provided both the facilities and the calves.

The morning began with a fitting and showing demonstration by Carl Brown, Carl Welsh and Brian Fulmer. Then each pair was given a calf, a bucket and brush and clippers. The more experienced youngster guided the less experienced youngster in the techniques of fitting.

After the calves were cleaned and clipped, attempts were made at halter-breaking. For some, it was a test of strength and will. Some onlookers weren't sure who was winning.

But in the end, each walked into the ring for the judging. Carl Brown did the honors. While both the juniors and seniors were judged on showmanship, it was the juniors who showed for fitting. Their partners, however, were recognized.

Placements for fitting were: Brent Ott, Elizabeth Strohmeier, Scott Caka, Kevin Brewer, Jeff Brewer, Tammy Minnich, Carol Letson, Julianne Starke, Gary Fehnel, Jeff Horne, Jennifer Bush, Cara Strohmeier, Kim Minnich, Mike Weber, Julianne Longenbach, Susie Weber, Brenda Rinaldi, Susan Fulmer, and Lynn Brodt, Shelly Minnich.

Jeff Brewer won first prize for junior showmanship. Brent Ott placed second.

Senior Showmanship awards went to Bobby Horne, Julianne Starke, Tammy Minnich, and Beth Ott. Susan Fulmer won the leadership award.

Youth Day is sponsored by the northampton County Holstein Club.-VP.

The barnyard at Upstream Farm was filled with calves, buckets, brushes and youngsters at the Northampton County Youth Day, recently. Photos by Greg Solt.

. All their work leads to the final judging.

Kim Minnich of Northampton takes special care with an ear, while her partner, Michel Webber of Bethlehem, handles the tail.

Kim and her calf engage in a battle of strength and wills.

Berks County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

April 1981

The following is the Berks County DHIA report for the month of April, 1981. Only those herds averaging 1.5# per day or over are listed:

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
C. & T. Kissling	3	65.1	91.6	65.8	3.8	2.51
Reu Hel Farms Inc	3	29.7	92.0	68.4	3.6	2.46
C. & T. Kissling	3	65.0	90.8	64.9	3.8	2.45
Charles Piushanski	3	110.8	91.3	61.1	3.9	2.37
Heindel Farms Inc.	3	29.1	84 3	61 4	3.8	2.34
Robert E. Kopfer	B3	45.2	93 8	56 3	4.1	2.32
Glen High	B3	60.1	96.0	56 1	4.0	2.23
Bendy Brook Farm	3	44.0	91.6	58 3	3.8	2.21
Robert E. Kopfer	B3	45.0	92 4	56 9	3.8	2.17
Stephen J. Janos	3	34.5	83 2	56 7	3.7	2.12
Junge Farms	3	46.3	87.0	49 4	4.3	2.11
Clarence B. Kulp	3	69 7	90.8	53 7	3.9	2.07
Geo. Troutman Jr.	B3	67.3	90.7	59 7	3.5	2.07
William Mitchell	B3	28 0	92.9	54 1	3.8	2.05
C & F. Stricker	B3	50.9	89 7	52.3	3.9	2.04
Donald B. Duncan	B3	85.1	86 4	50 4	4.0	2 03
Vernon G. Good	B3	37 0	98 6	55.5	3.7	2 03
Larry E Phillips	B3	32 5	88 1	55 7	3.6	2 03
B & K Grimes	B3	54.6	85 8	52 1	3 9	2 03
Heindel Farms Inc	1	28.4	92.4	48 2	4.2	2.02
Mervin Brubaker	B3	69.6	86 7	54 8	3 6	1.99
Lewis Nolt	B3	58 9	92 6	53 6	3.7	1.98
Glenn R Harnish	B3	66 0	91 9	55 6	3.6	1 98
Leroy E. Howard	B3	136 1	92.6	50 8	3.9	1.97
Hylark Farm	3	78 2	89 3	48 7	4.0	1 97
Harvey Krill Jr	B3	40 0	78 1	51 5	3.8	1.97
Good Bros	B3	56 3	84.1	48 7	4.0	1.97
Charles D. Moyer	B3	119 4	84.3	48 1	4.1	1 96
Robert Sattazahn	B3	100 1	93.9	52 8	3 7	1.96
Mertz Brothers	B3	46 1	89 2	50.9	3.8	1 94
C & F Stricker	B3	51.4	90.0	51 5	3.7	1 93
Norman Z. Nolt	3	38 8	91 5	52 8	3.6	1.92
Ray E. Bicksler	3	49 1	92 3	48 8	3.9	1.91
Steven E. Wagner	B3	24 5	98 7	52 6	3 6	1 91
Alton Rohrbach	B3	41 0	89 8	49 7	3.8	1 90
J. & P Berry	B3	54 7	97.4	52 9	3 6	1 90
William C Adams	3	88 0	92.8	46 2	4.1	1.88
K. & R. Wolfskill	B3	41.3	84.8	55.2	3.4	1 88
Larry L Mertz	B3	95.5	94.3	48 8	3 8	1 87
Glenn B. Gockley	G3	33 1	92 0	47 4	3 9	1 87
Raymond A. Seidel	3	38 4	88 6	47.3	3 9	1 86
Yost Brothers	B3	112.5	86 4	50.1	3 7	1 85
George E. Moyer	3	97.4	90 2	47.2	3.9	1 84
Irvin M. Martin	B3	39.8	96 3	49.4	3 7	1 84
R. Troutman/Sons	B3	100 4	92.7	47 3	3 9	1.83
Ernest Fabian	00	62.0	106 5			
Daniel J. Harnish	B3	91.3	87 4	45 7	4 0	1.82
Ernest C. Hoffman	3	51 1	86.8	45 0	4.0	1.82
Ker Min Farms	3	72.8	89.1	45.9	4.0	1.82
H. & G. Schuler	3	60 0	84.5	48.9	3 7	1.82
Richard Bieler	B3	56.3	86.8	54 3	3 4	1.82
K. & D. Dietrich	B3	38 2	93.3	49.6	3.7	1.82
Bruce C. Cammauf	B3	23 0	75.3	44.2	4.1	1.82
Wilmer Dreibelbis	B3	48 4	93 7	48 3	3.7	1 81
Russell H. Hess	G3	54 3	90 7	46.7	3.9	1 81
Ontelynn Acres	B3	96 3	90.5	43.9	4.1	1.81
Robert T. Bowman	B3	43.0	83.4	48.6	3.7	1.81
Donald Burkholder	G3	88.1	94.0	46.7	3.9	1.81
John Newswanger	G3	44.4	88.0	48.8	3.7	1.81
Irvin G Weaver	G3	47.0	86.9	45.4	4.0	1.81
William Howerter	3	94.0	90.1	45.2	4.0	1 80
Way Har Farms	B3	112.4	90.7	48 4	3.7	1 80
R. B. Burkholder	B3	42.0	89 3	48.2	3 7	1 80
Win-Dale Farm	4	42.5	90.8	32.9	5.5	1 80
Wilson Balthaser	B3	66 3	88.7	47.6	3.8	1 80
James H. Adam	B3	141.7	94.2	42.7	4.2	1.78
Harvy M. Weaver	B3	44.0	85.3	44.0	4.0	1.78
Pine Brook Farm	3	106 3	85.1	43.2	4.1	1 77
Swatara Dairy Farm	3	87.5	77.1	42.6	4.2	1 77
Ray W Seidel	B3	32.4	86 6	45.5	3.9	1.76
Arlan Krick	B3	69.6	85 4	46 9	3.8	1.76
Rodger L Wagner	B3	118.2	91.4	44.9	3.9	1.75
Robert Yanos	B3	56.8	91.6	42.4	4.1	1 75
Harold L. Miller	B8	63.0	95.4	54 5	3 2	1.75
Retland Farm	3	49.0	85.9	47.8	3 6	1.74
Kenneth H Wenger	B3	69.7	95.5	47 1	3.7	1.74
FM Browns Sons Inc	B3	96 5	91.5	51.0	3.4	1.73
Robert Dreisbach	4	65.0	83.6	36.8	4 7	1.73
H Fenstermaker	3	33.8	89.3	43 4	4.0	1.73
Y Creek Haven Fm	B3	57.7	89 0	44.1	3.9	1.73
C C. Sattazahn	B3	97.5	91.2	46.9	3 7	1.73
Eleanor Siegfried	3	71.3	91.7	43.7	3 9	1.72
Louis E. Moyer	3	54.0	84.5	44.1	3.9	1.72
Vista Grande Farm	3	83 3	94 5	49.1	3.5	1.72
R & C Wieder	B3	39.2	82 5	48.1	3 6	1.72
Martin Moyer	B3	52.3	86 0	45.0	3 8	1.72
Show Top Farms	3	142.9	87.0	41.3	4.1	1 71
Roger S Buch	3	46.8	79 5	46.6	3 7	1.71
David P. Herbert	3	54 5	90 8	42 3	4 0	1.69
Charles W Wagner	B3	43 0	90.9	47.7	3.5	1.69
Harry P. Shaak	B3	96.1	94.7	43.1	3.9	1.69
Pinnacle Vw Dairy	B3	49.0	88 0	46 5	3 6	1 69
E. D. Leatherman	B3	67 9	89.3	44.1	3.8	1.69
Joseph F. Walters	G3	63 1	86 7	43.8	3 9	1 69
Kenneth Zook	B3	42 8	83 7	49.4	3 4	1.68
John H Stump	3	48.0	86 5	47 4	3 5	1.68
Lynnacres	3	104 0	93.6	47 7	3 5	1.68
Floyd Kurtz	B3	42.0	92 8	47 1	3.6	1.68
Wilmer R. Martin	3	40 0	82 4	42 3	4 0	1.68
Carl H. Rabenold	B3	64 2	91.0	44 2	3.8	1.68
Zahncroft Farm	3	49 0	83 1	45 1	3.7	1.67
Donald M. Meyers	3	64 0	90 4	46 8	3 6	1.67
P & T Werley Jr	B3	116 8	82 8	45.0	3.7	1.67
Ralph W. Haag	G3	39.0	89.3	43.8	3 8	1.66
Earl R Hafer	B3	102 2	96.3	45.7	3.6	1.66
John F. Snyder	B3	50.1	90 2	46.2	3.6	1.65
Charles W. Lamm	B3	96.2	89.4	41.1	4.0	1.65
Molasses Hill Fm	B3	66.9	85.3	43.2	3 8	1.65
O. & T. Kleinsmith	B3	38.0	88.2	51.8	3.2	1.64
Neil W. Stoudt	B3	38.5	92 1	40.6	4.0	1.63
Kenneth Stutzman	B3	45.0	83.3	40.0	4.1	1.62
Raymond B. Nolt	B3	75.0	82 5	42.3	3.8	1.62
David L. Phillips	4	45.9	90.1	33.2	4.9	1.62
Arlan D. Davis	B3	29.4	84.5	44.9	3.6	1.62
Ro Ria Farms	B3	256.1	94.2	41.0	3.9	1.61
Carl E Hollenbach	2	55.7	81.6	38.0	4.2	1.61
Donald Stofflet	B3	47.0	87.8	48.1	3 3	1.61
Jaimore Farm	B3	62.0	78.8	42.5	3.8	1.61
Frank G. Gromlich	3	66.9	84.4	42.4	3.8	1.60
Merlin J. Grube	B3	31.8	82.1	38.4	4.2	1.60
Blue Mtn Academy	B3	128.2	84.1	44.1	3.6	1.60
Teen Chal Farm	B3	86.4	92.1	40.1	4.0	1.60
Mat Mar Farms Inc	B3	84.4	88.1	44.6	3.6	1.59
Roy Hoppes	B3	33.3	75.6	40.7	3.9	1.59
George Stein	B3	98 4	81.4	47.8	3 3	1.59
Charles Zimmerman	3	90.2	80.1	42.3	3.7	1 58
John R. Lash	B3	68.0	91 4	41.9	3.7	1.57
Poplardr Hol.	B3	55.0	78 7	40.8	3 8	1.57
D. & D. Martin	1	36.1	79.2	35.9	4 3	1 56
Glenn E. Hoffman	B3	38.4	80 9	40.6	3.8	1.56
Luke Snyder	B3	47.0	91.8	43.1	3 6	1.56
Linden Loch Hol.	3	52.9	81.9	41.8	3 7	1 55
Meadow Springs	G3	33.9	78 5	41.1	3 8	1 55
Harold N Miller	B3	34.0	83.3	39.3	3.9	1.54
David L. Schrack	B3	95.6	84.1	40.4	3 8	1.54
Richard Hoffman	B8	68.0	82 8	43.6	3 5	1.53
Keith E. Hertzog	B3	41.5	91 6	42.2	3 6	1.53
Ronald Weyer	B3	56.7	85 0	38.1	4 0	1.52
Mervin Stauffer	B3	37.0	87.1	40.1	3.8	1 51
Thomas Wisser	B3	33.5	99.5	39.5	3 8	1 51
Carl Hollenbach	2	54.6	78.7	34.3	4 4	1.50
Donald E Landis	3	129.8	90.9	40 6	3.7	1 50

The following cows produced over 650 lbs of fat or more in 305 days or less

OWNER NAME OR NO.	BREED	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
David P Herbert					
Marsha	H	5-1	293	20,997	713
Leroy E Howard					
Oriel	H	7-8	305	21,321	666
Willi	H	7-0	305	18,533	693

(Turn to Page C22)

800 SERIES Bobcat

Liquid Cooled, 1700 lb. Operating Capacity

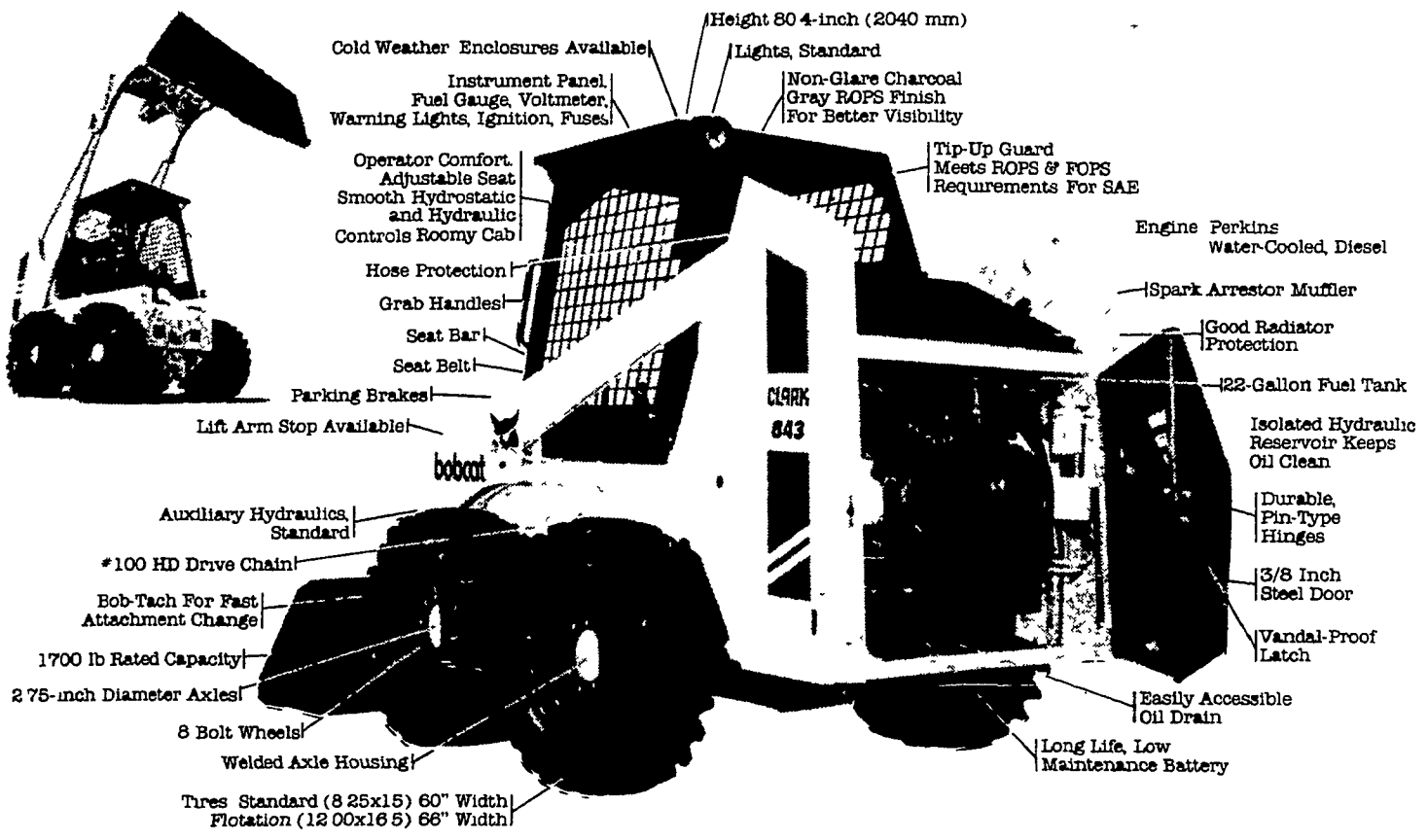
COMPARE THE FEATURES:

PERFORMANCE
1700 lb capacity with dump reach up to 36" When you work a Bobcat, you'll feel the power at the wheels for manuverability and stability throughout full load cycles

DURABILITY
Compare operating weight to load capacity, compare drive chain size axle thickness, steel, welding, protection for hoses, engines, radiators and the superior Bob-Tach system for attachments Inside and out Bobcats feature fine tuned engineering

SERVICABILITY
Tip up rollover protection structure for easier accessability to hydrostatic components & steering linkage 3/8" steel rear door on pin hinges makes routine maintenance a snap, bigger batteries and starters, dual element air cleaners

SAFETY
Seat bar for additional operator safety, convenience and comfort Rugged rollover protective structure construction, pedal locks, dual headlights, rear road and work lights, spark arrestor muffler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Tip-Up Guard Meets ROPS & FOPS Requirements For SAE
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Seat Belt
Parking Brakes
Lift Arm Stop Available
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Spark Arrestor Muffler
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Isolated Hydraulic Reservoir Keeps Oil Clean
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3/8 Inch Steel Door
Vandal-Proof Latch
Auxiliary Hydraulics, Standard
#100 HD Drive Chain
Bob-Tach For Fast Attachment Change
1700 lb Rated Capacity
2 75-inch Diameter Axles
8 Bolt Wheels
Welded Axle Housing
Tires Standard (8 25x15) 60" Width
Flotation (12 00x16 5) 66" Width
Easily Accessible Oil Drain
Long Life, Low Maintenance Battery
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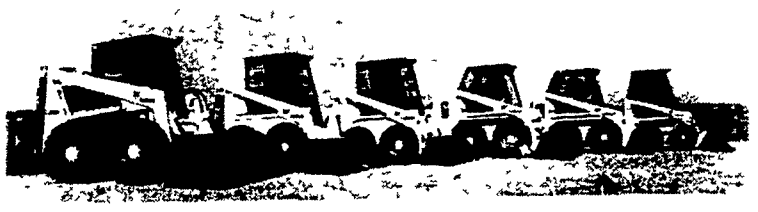

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13 Models Up To 3700 Pound Capacity

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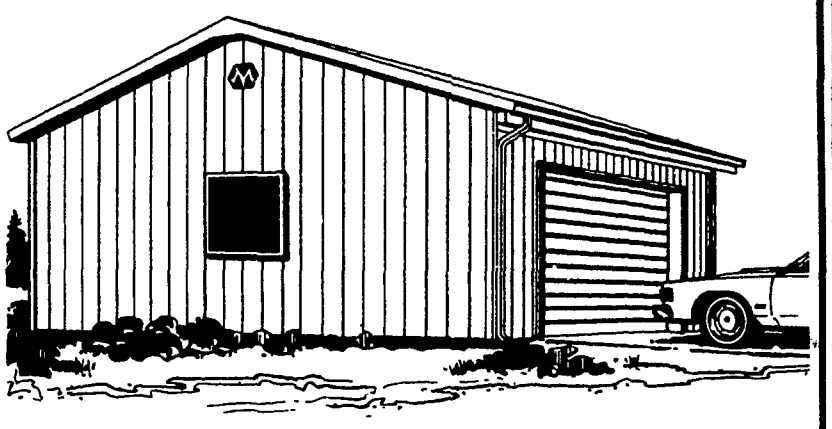
Berks Co. DHIA

(Continued from Page C21)

Ro Ria Farms					
Friskie	H	4 4	305	16,623	747
#308	H	3 6	305	15,025	658
Show Top Farms					
Ace	H	3 4	305	16,009	669
Arlene	H	3 4	305	13,180	725
May	H	2-4	305	18,567	743
Birdie	H	2-5	305	18,442	721
Roger S Buch					
Agusta	H	5 6	305	20,519	771
Vista Grande Farm					
Pearlet	H	14 7	305	16,577	674
Bell Acres					
Hocus	H	4-10	305	14,547	659
John F Snyder					
Besty	H	5 0	305	20,715	667
Linden Loch Holstein					
#199	H	7-2	305	23,938	943
#167	H	2 3	305	17,207	660
Pine Brook Farm					
#21	H	3 8	261	14,075	691
Charles W Wagner					
Soda	H	3 8	305	14,804	656
Donald B Duncan					
#74	H	8 9	305	20,042	824
#32	H	7-7	305	16,633	676
#83	H	2 9	305	21,083	661
Charles & Tim Kissling					
Marlo	H	1-11	305	19,052	701
Mistres	H	2 0	282	17,373	720
Josie	H	1-11	278	17,939	691
Donald E Landis					
#136	H	6 5	305	18,184	660
#144	H	5 9	305	18,243	665
Charles W Lamm					
Gretchn	H	6-8	305	20,265	709
Shelly	H	5-9	305	21,117	679
Liberty	H	4-7	305	24,462	759
Cheryl	H	4-5	305	19,646	756
Whitie	H	3-8	305	14,538	662
Mertz Brothers					
Kathy	H	4-2	305	21,411	837
Fran	H	3-3	293	18,131	702
Becky	H	2-3	305	16,326	705
Ernest C Hoffman					
Peppy	H	5 6	305	19,409	700
William G Howerter					
Emmie	H	7-7	305	18,759	736
Charles Plushanski					
Hope	H	4-2	305	20,430	797
Countes	H	3 8	305	21,146	1010
Freda	H	2-5	305	19,303	799
Swatara Dairy Farm					
#214	H	9-4	305	15,539	652
#12	H	5 4	305	18,277	763
#81	H	3-1	305	17,934	728
R C & C E Wieder					
Polly	H	5-1	301	17,037	660
Charles D Moyer					
Alice 41	H	6-10	305	17,706	751
Kenneth L Stutzman					
Dolores	H	4-5	305	15,873	657
F M Browns Sons Inc					
#33	H	6-6	305	21,521	788
#13	H	5-5	305	19,446	755
Richard H Hoffman					
#104	H	4-4	305	17,468	662
Donald M Meyers					
Gretta	H	6 4	305	22,578	844
Stephen J Janos					
Liza	H	5-7	305	24,507	690
William C Adams					
Stream	H	4-8	305	19,450	736
Mine	H	4-4	305	16,394	662
Linda	H	4-2	305	17,238	766
Marie	H	4-3	305	16,463	726
R R Troutman & Sons					
Michell	H	4-10	305	22,212	758
Rose	H	6 9	305	21,103	825
Pansy	H	2 2	305	18,025	685
Larry L Mertz					
#72	H	7-10	305	21,255	695
George E Moyer					
6Clara	H	3-8	305	14,625	709
Earl R Hafer					
#148	H	4 7	305	13,725	655
R D Rosenbaum & Son					
#22	H	4-7	305	19,207	730
#85	H	3 4	305	18,799	661
Robert L Sattazahn					
Dot	H	4 7	305	21,286	698
Ray E Bicksler					
Daffy	H	4 5	305	20,008	857
Twiggy	H	3 3	305	17,618	655
Frank G Gromlich					
Pauline	H	7-9	305	17,982	722
49ER3	H	3 6	298	11,212	531
William W. Herbert					
Roula	H	3-6	305	17,744	664
Mat Mar Farms, Inc					
#13	H	5-8	305	15,533	657
#4	H	4 5	305	21,479	704
#53	H	4-3	305	19,354	683
Raymond A Seidel					
Martha	H	7-11	305	20,208	725
Hylark Farm					
#212	H	4 8	242	13,318	653
Larry E Phillips					
#8	H	4-5	305	17,638	710
Lynnacres					
Lynne	H	9-9	305	18,100	697
Wendy	H	7-7	305	17,008	696
Jean	H	4-5	305	21,103	800
Lana	H	3-1	305	15,931	659
Ontelynn Acres					
#53	H	6-2	305	18,543	733

(Turn to Page C24)

MORTON BUILDINGS



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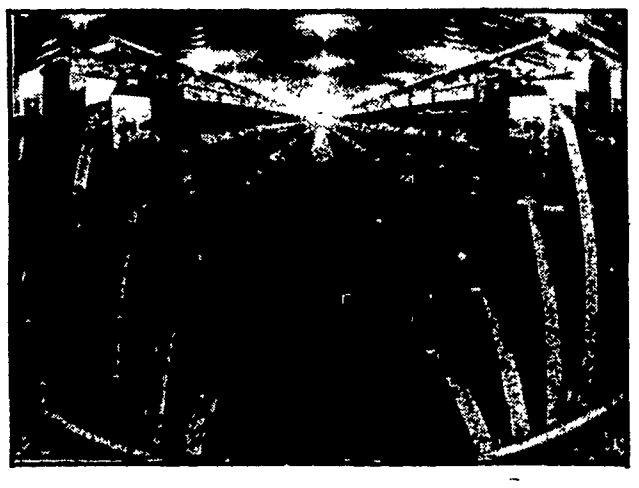

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(Continued from Page C22)

Raymond B Nolt					
#32	H	5-7	305	19,302	815
Ken & Debra Dietrich					
Nugget	H	4-3	305	19,028	671
R Bernell Burkholder					
Jessie	H	7-2	290	18,525	713
Bendy Brook Farm					
Comet	H	3-5	305	19,265	668
E Daniel Leatherman					
Martha	H	8-7	305	17,644	800
Glen High					
Maude	H	5-3	305	20,595	688
Norman Z Nolt					
Daisy	H	4-1	305	15,779	671
Retland Farm					
#32	H	10 4	305	19,849	721
Robert E Kopfer					
#87	H	5-6	305	18,469	859
#94	H	6 6	305	20,477	700
Elam G Hoover					
#67	H	3 7	298	17,611	673
Adin Oberholtzer					
Marlene	H	5 8	305	18,690	666
Mirl-Carl Farms					
#376 W	H	7 4	305	19,238	665
Heindel Farms					
Patrice	A	4 6	305	17,799	749
Harvy M Weaver					
#27	H	3 3	305	18,675	702
Harvey C Krill Jr					
Jacklyn	H	5 6	269	18,193	687
June	H	4 8	305	19,635	800
Donald Burkholder					
#51	H	5 6	305	20,805	694
Joseph F Walters					
#60	H	4 2	305	17,312	691
#25	H	4 4	305	17,100	678
Win-Dale Farm					
Ruby	J	8-1	305	11,412	665
Merlin J Grube					
#1	H	4 7	299	16,445	655
Calvin Xerbe					
#3583	H	10-11	305	14,848	684
William Mitchell					
#14	H	4-8	305	20,035	652
#23	H	4 8	305	22,217	827
Alton Rohrbach					
#1A	H	6 4	287	18,220	654
Carl & Forest Stricker					
#40	H	4-1	305	17,349	737
Elsie	H	4 11	279	17,516	758
Joan	H	4-9	264	16,234	679
Tiny	H	4-1	305	23,414	797
Polly	H	8-8	293	18,581	736
Herbert Moyer					
#46	H	6-2	305	14,067	655
Ken & Robin Wolfskill					
#101	H	3 0	305	19,163	690
Good Bros					
R41	H	6-7	305	16,782	674
Molasses Hill Farm					
#73	H	4-4	305	15,744	653
Luke Snyder					
Nellie	H	5 6	305	17,234	679
George S. Troutman Jr					
Gail	H	12-8	305	21,246	724
Yost Brothers					
#32	H	2-3	305	18,856	745
#45	H	2-2	305	16,074	655
Teen Chal Farm					
#134	H	6-2	305	17,637	744

June is dairy month

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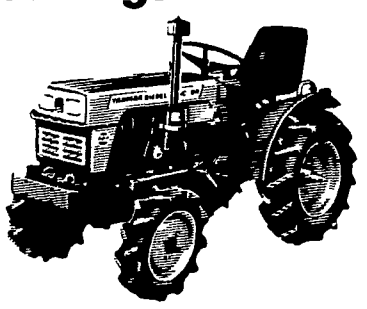

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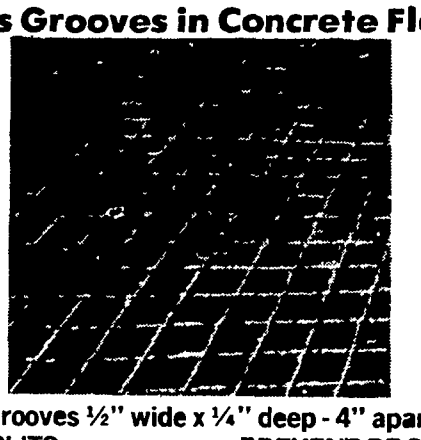

Grooves ½" wide x ¼" deep - 4" apart

- PREVENT SPLITS
- INSTALL IN HOLDING AREAS
- IMPROVE HEAT DETECTION
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- ELIMINATE COWS SKIDDING
- PREVENT CRACKED CONCRETE
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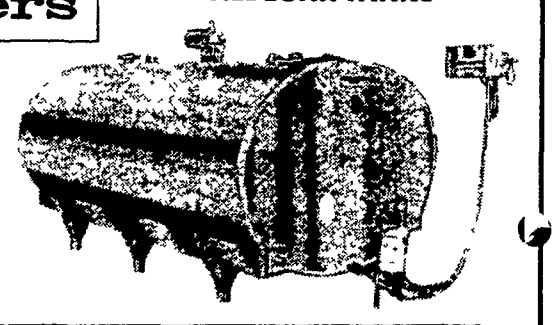

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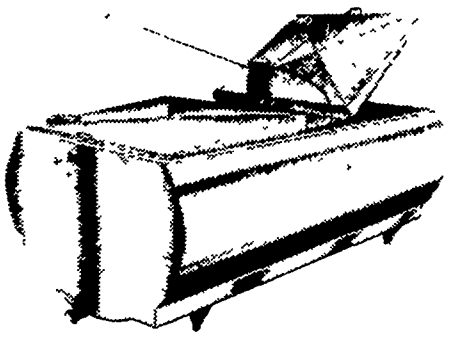

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The Milk Check

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Congress Connects

When Congress reconvened after Easter, it didn't take them long to connect with the President's budget proposal and hook up with the train to Reagan's economic recovery program.

The House was first, and with the help of 63 Democrats, voted 253 to 176 for $689 billion. Six days later the Senate voted 78 to 20 for $700 billion. Give or take a few million - as legislators say - they were pretty much the same.

Now begins the work of deciding how the jelly beans will be divided among all the government programs. This is where the dairy farmers will have to lobby and horse trade to try to get their share of the pot.

How much dairy farmers get will really decide what kind of a milk support price program they will get starting October 1 for the next four years.

Holding Pattern

Both the Senate and the House Agriculture Committees have worked out dairy price support legislation, but everything has been put into a holding pattern until they know how much money they will have under the new budget.

Both the Senate and the House proposals are for 75 to 90 percent of parity. The House wants an automatic semi-annual adjustment, but the Senate version would require it only to keep the price up to 70 percent of parity at mid-year.

The problem is that either way they will cost much more than is expected for dairy price supports under the new budget..

Present cost estimates are over $12 billion dollars for such a program between 1982 and 1986. But you may only get about $8 billion, so some heavy pruning may be needed. There's not question that if it's needed it will be done.

If the President and Congress can cut an $8 billion cost of living increase out of the Social Security program, there's probably nothing they won't try. This has been one of the sacred cows of government programs. If Social Security cuts can be made, the dairy price support program has no more chance than a snow ball.

Retail sales exemption increases for meat

NEW YORK, N.Y. — The U.S. Department of Agriculture is increasing the dollar amount of meat and poultry product retailers may sell to hotels, restaurants and similar "nonhousehold" consumers, a USDA official said.

Under federal law, all wholesale meat and poultry operations must be inspected. However, retail operations are exempt from federal wholesomeness inspection if the volume of product they sell wholesale to nonhousehold consumers does not exceed set limits. Retailers are permitted to sell as much meat and poultry as they wish to "household" customers.

"The limit on a retailer's annual sales to nonhousehold consumers will increase from $27,000 to $27,800 for meat and $21,100 to $22,200 for poultry," said Donald L. Houston, administrator for USDA's Food Safety and Quality Service.

The retail sales limit is automatically adjusted during the first quarter of a year if the Consumer Price Index fluctuates $500. Houston said that statistics published by the Bureau of Labor Statistics for 1980 indicate changes in excess of that amount.

Houston said, "Although the dollar amounts will increase, the regulation will still limit sales of meat and poultry to nonhousehold consumers to 25 percent of a retailer's total annual sales.

The new limits became effective immediatley upon publication in the May 15 Federal Register.

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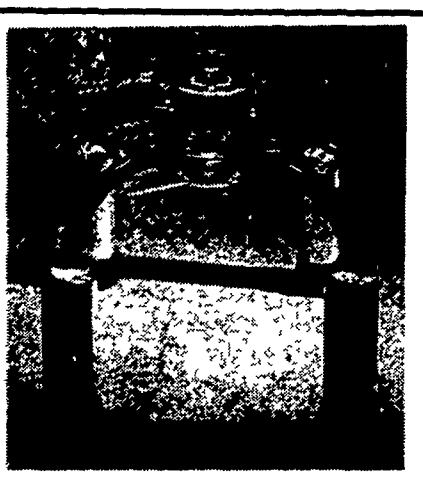

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Students earn plant-food scholarships

NEWARK, Del. — Two University of Delaware plant science majors have received scholarships from the Delaware-Maryland Plant Food Association. Scholarships worth $400 each went to Mark Sultenfuss, a junior studying in agronomy, and Clare Evans, a senior degree with distinction candidate in soil science.

A grain farmer from Centreville, Md., Sultenfuss leads a kind of double life as a student, living on campus during the academic year but commuting the 55 miles from Neward to his home on weekends and free afternoons to help his father farm. They have about 375 acres on which they're growing corn this year; roughly 90 percent of it no-till, at Mark's suggestion. He and his father share the work now, but after Mark graduates next year his father plans to retire and turn the farm over to him.

An active member of the University of Delaware Agronomy Club, he and Clare Evans were both on the team that placed third against midwestern competition from other agricultural college teams at the University of Illinois earlier this spring. He's also an officer in Delaware's collegiate FFA chapter.

Because of his farming background, practicality is what turns Mark on, wheather he's listening to a lecture or doing work on an assignment for a course. "I'm always looking for a direct application of the information I get," he says. An able student, he's been on the Dean's list every semester except last fall. "We had a busy combine season," he says, explaining the dip in his grade point average then.

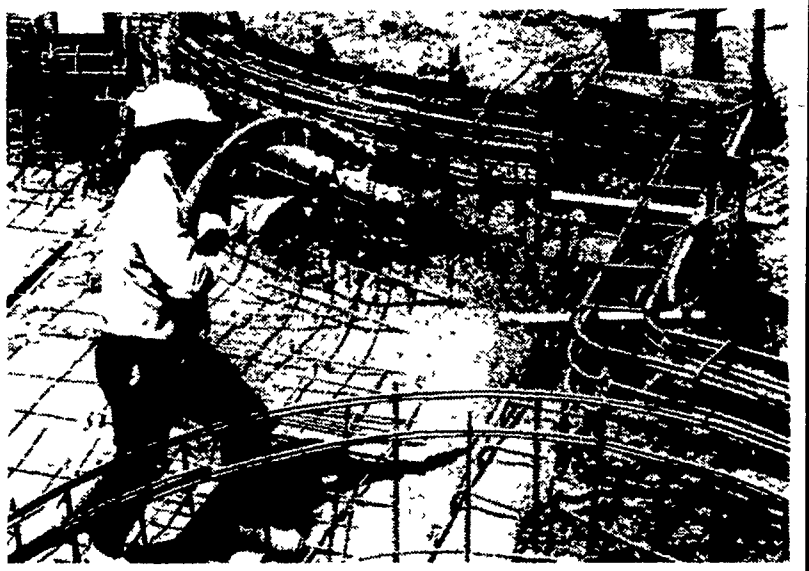
Clare Evans is a candidate for a degree with distinction in the plant science department. She has spent her senior year doing basic research on the phosphorus supplying power of two Delaware soils, with guidance from her advisor, soil specialist Leo Cotnoir. She was one of the founders of the University of Delaware Agronomy Club Chapter and is its current president.

A native of Chester, Va., Clare is the daughter of a horticulturist. She plans to remain at the university to pursue a master's degree in soil chemistry with Dr. Donald L. Sparks. She would then like to find a job as a soil chemist for some agricultural chemical company. She is one of the very few women currently entering this field, according to Dr. Charles R. Curtis, head of Delaware's department of plant science.

Last summer Clare had an Allied Chemical Company internship doing sales and research on a product being developed for foliar feeding of field crops.

University of Delaware plant science majors Clare Evans and Mark Sultenfuss pose with Reginald Murphey, president of Delaware-Maryland Plant Food Association, after a check presentation ceremony during recent Honors Day program at the university.

KEYSTONE GUN-KRETE CO.



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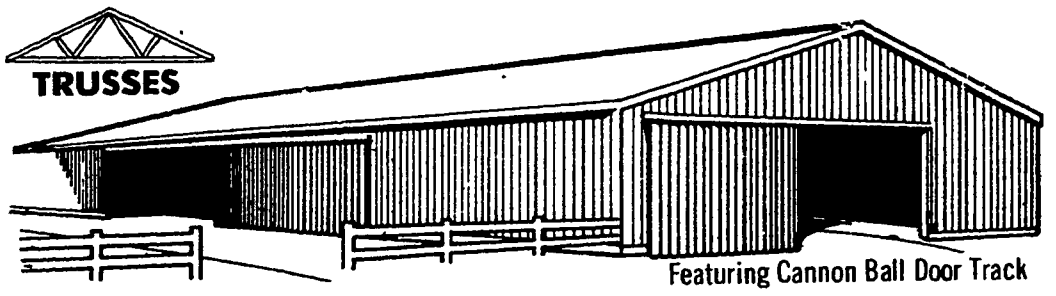
TRUSSES



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Wheeling Channeldrain
PAINTED STEEL
ROOFING/SIDING

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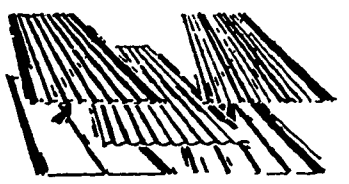

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John M. Esh
RD 2 Box 267
East Earl, PA 17519
Call us for low prices -
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AMOS FISHER
667 Hartman Station Rd.
Lancaster, PA 17601
717-393-6530

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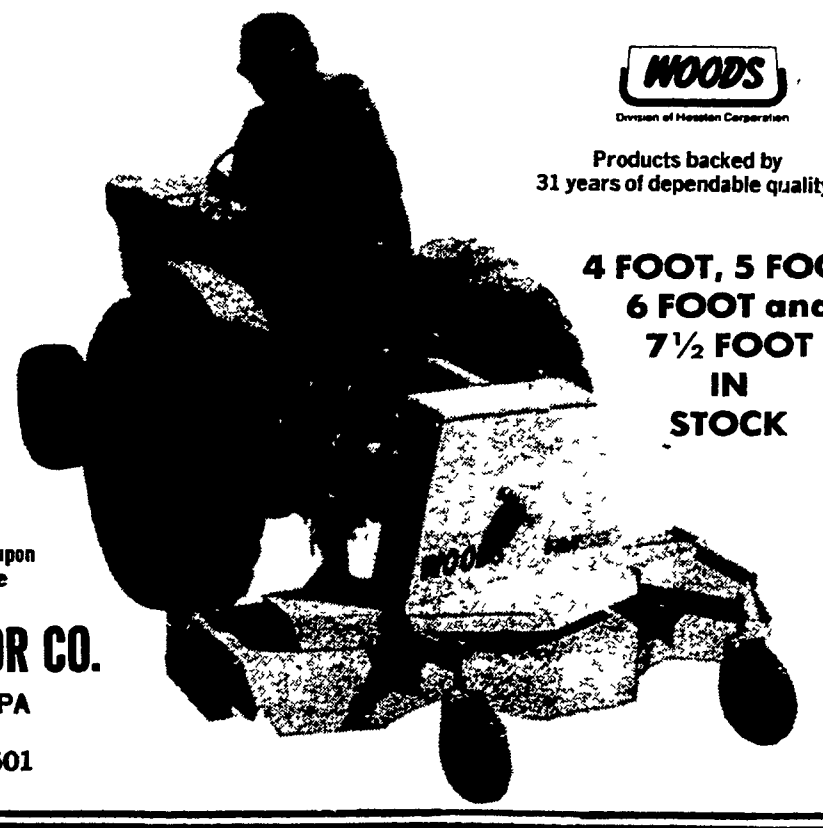
Give your farmstead or small acreage lawn a carpet-smooth, well-cared-for look with a WOODS rear-mount mower. The fast hook-up and detach feature saves labor and time. Choose from six WOODS models with cutting widths ranging from 3½ ft. to 7½ ft. Designed for tractors rated from 12 to 55 HP with Category I or Category "0" 3-point hitch. See your WOODS Dealer for a demonstration, or mail the coupon for a free color catalog describing WOODS complete line of rear-mount and under-mount mowers.

KELLER BROS. TRACTOR CO.
Buffalo Springs, PA
Lebanon Co.
Call (717) 949-6501



WOODS
Division of Hesston Corporation

Products backed by 31 years of dependable quality.

4 FOOT, 5 FOOT, 6 FOOT and 7½ FOOT IN STOCK

Montgomery County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

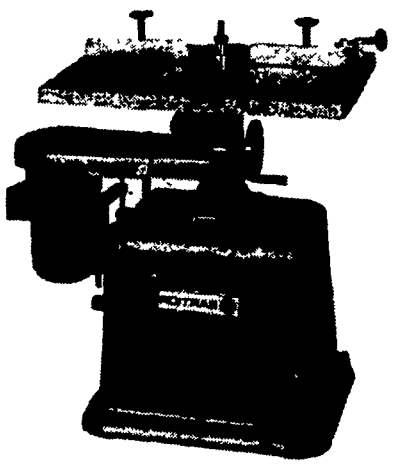
April 1981

OWNER BREED	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Merrill Mest	3	38 0	96 1	51 9	4 2	2 17
George Seneko Jr	3	68 7	90 8	54 2	4 0	2 15
David P Longacre	3	92 8	87 3	55 0	3 9	2 12
E Jay Renninger	B3	117 4	94 4	52 2	3 9	2 02
Charles Rhoads	3	36 2	91 0	50 8	3 9	1 96
Harold Halteman	B3	57 3	98 4	52 3	3 7	1 96
Woodson Farm	3	38 5	87 5	48 8	4 0	1 96
Fred Seipt Family	3	129 2	89 4	47 4	4 1	1 93
Robert A Hewitt	B3	40 0	95 0	50.2	3 8	1 93
W B Saul H S	3	12 4	85 2	50 9	3 8	1 92
Roy Kolb & Sons	B3	74 8	92 9	49 8	3 9	1 92
E Halteman & Son	B3	51 4	93 8	46 2	3 9	1 82
Merrymead Farm	3	127 0	93 4	46 2	3 9	1 81
George Bisbort	B3	44 0	86 9	46 8	3 8	1 77
Andrew Schertel	B3	69 1	90 0	40.4	4 4	1 76
Du Mar Farm	3	58 9	84 4	46 5	3 8	1 75
Ronald R Johnson	G3	39 5	87 8	45 7	3 8	1 75
Clark Yoder	B3	52 8	93 6	44 0	4 0	1 74
P Weaver & Sons	G3	54 0	93 8	44 9	3 9	1 73
Clyde Masemore	3	73 1	91 1	41 4	4 1	1 71
Gehringer Bros.	8	59 9	93 0	42 1	4 1	1 71
Alvin Delp & Son	B3	47 1	88 5	44 4	3 8	1 70
Donald Stutzman	B3	44 6	89.7	43 6	3 9	1 70
J Harold Keener	3	44 1	86 0	45 9	3 7	1 70
James Guntz	B3	41 4	90.5	43 5	3 9	1 69
Lalisa Holsteins	3	53 0	89.0	44 2	3 8	1 69
Donald O Kriebel	3	67 0	90 6	43 5	3 7	1 63
John Nikerle	B3	56.4	86 7	44 2	3 6	1 61
Robert Freed Sr	3	52 1	99 2	39 9	4 0	1 60
Gordon Moser	B3	41 5	81.1	41 7	3 8	1 59
Irwin L. Ziegler	B3	54 9	85 5	40 6	3 9	1 59
J Meyers & Son	B3	39 7	85 6	37 8	4 2	1 57
Norristown St Fm	B3	125 3	83 2	40 0	3.9	1 56
Daniel E Kolb	B3	50 0	88 5	41 1	3 8	1 56
Correctional Ind	B3	143 0	88 2	42 5	3 6	1 55
Franklin Schlegel	B3	37 0	89 5	39 6	3.9	1 54
SH Mowrer & Son	B3	128 4	91 9	41 1	3 7	1 53
Gordon D Holl	3	37 5	85 7	41 1	3 7	1 53
Reinford & Sons	B3	84 6	88 3	39 2	3 8	1 48
Ronald P Boyer	B8	35 9	86 7	35 2	4 1	1 45
Hy-Vue Farms	B3	170 1	82 1	40 6	3 5	1 44
George K Sterner	B3	99 1	82 8	35 6	4 0	1 43
Paul S Jones	B3	45 9	93 5	38 1	3 8	1 43
Grater Bros	2	61 9	91 3	30 0	4 7	1 40
Mark A Slater	B3	73 1	93 9	36 3	3 9	1 40
Kenneth P Schultz	3	46 6	82 3	33 8	4 1	1 39
Hoffman Farms	G3	139 9	88 6	36 0	3 9	1 39
Kriebel Bros	B3	32.1	77 8	35 5	3 9	1 38
Walebe Farms	4	191 8	80 5	30 0	4 6	1 37
Curtis N Kratz	B3	47 0	78 3	33 2	4 1	1 36
Claude R Bieler	3	31 0	75 3	33 4	4 0	1 35
Grim Bros	8	45 0	84 6	34 6	3 8	1 33
Watershed Farm	G3	116 7	83 1	32 5	4 0	1 31
George K Sterner	B3	100 2	77 0	33 1	3 9	1 30
Walton Hackman	B2	85 4	88 9	27 7	4 7	1 29
Robert Wolfgang	B8	28 5	79 6	31 6	4 0	1 27
W B Saul H S	3	13 0	71 8	35 9	3 4	1 23
Stanley Fox	B3	60 9	86 9	29 5	4 0	1 18
Warren W Long	B2	46 9	81 8	21 0	4 6	0 96

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	LBS FAT
Merrymead Farm					
69	H	4 3	305	16,522	559
57	H	2-3	305	13,337	500
64	H	2-5	305	15,591	586
Du Mar Farm					
Danty	H	5-7	305	19,282	705
Sal	H	4-7	305	22,300	810
Julie	H	2-8	305	15,294	528
Patty	H	2-3	305	20,690	633
John Nikerle					
Bertha	H	4-1	305	12,823	629
Watershed Farm					
19	H	5-7	305	14,874	514
40	H	5-7	305	14,796	527
65	H	5-9	305	14,156	510
81	H	4-8	288	11,954	504
148	H	3-1	305	12,809	520
John Nikerle					
Janel	H	2-9	305	15,105	610
Walton Hackman					
250	G	3-11	305	9,590	502
Kriebel Brothers					
Donna	H	5 6	294	13,076	523
Agnus	H	4-7	305	15,097	671
Juli	H	5-10	294	14,581	522
George K Sterner					
171	H	6-8	256	11,897	553
43	H	7-7	305	17,695	630
66	H	7-7	305	18,694	761
14	H	4 0	305	17,080	598
46	H	5-6	305	13,891	571
63	H	3-2	305	16,491	540
Correctional Indust					
937	H	5-7	305	17,375	580
017	H	4-5	305	15,438	507
015	H	4-6	284	15,989	620
1109	H	3-6	305	15,799	515
1147	H	3-0	305	15,298	581
1202	H	2-5	305	14,574	503
Walebe Farms					
164	J	13 4	305	11,513	530
728	H	7-5	305	11,788	540
895	J	3-10	305	11,867	503
899	J	3-11	305	10,863	571
911	J	3-8	305	9,758	549
28	J	6 8	305	18,521	790
1839	J	1-10	297	11,437	530
Merrill Mest					
B 1	H	9 5	296	17,173	699
C 2	H	8 8	305	18,739	826
C 6	H	7-2	305	17,444	675
A 38	H	4 2	305	18,071	747
D 22	H	2-5	283	13,636	581
E Jay Renninger					
120 C	H	5-4	305	15,383	664
60 D	H	3-4	305	17,423	670
108 D	H	3 1	305	14,766	696
Grim Brothers					
Bethann	H	2-10	305	14,812	598
Charles Rhoads					
Grace	H	4-11	305	15,380	640
Emma	H	2-2	305	15,631	558
Pepper	H	2-7	305	13,815	601
Elva	H	3-10	305	15,502	559
Mark A Slater					
Licky	H	2-11	305	12,493	586
Clark Yoder					
Mohogny	H	4-7	276	15,224	629
Marge	H	4-10	305	15,805	599
Nester	H	2-6	302	15,833	597
S Horace Mower & Son					
39 A	H	10-2	305	19,155	913
6 B	H	7-11	305	14,993	551
160	H	5-11	305	19,085	700
168	H	5-9	305	20,682	686
204	H	4-9	305	17,473	641
234	H	4-2	296	13,078	534
259	H	3-7	305	17,511	681
191 A	H	2-9	305	16,115	632
Norristown State Farm					
A 5849	H	6-7	305	15,285	620
QQ 51	H	4-7	305	17,816	641
RR 66	H	3-6	305	17,224	634
SS 16	H	2 11	305	17,178	521
Curtis N Kratz					
12	H	4 10	305	16,099	644
Ada	H	4-8	305	14,722	672
Robert L Freed Sr					
Connie	H	7-3	305	22,592	765
Hope	H	6-5	305	16,712	731
Amy	H	6-5	305	15,675	538
Tracy	H	2-8	305	17,172	633
Paul S Jones					
89 A	H	4-7	305	13,167	536
Donald G Stutzman					
Dolly	H	6 10	305	15,697	722
Alice	H	4-11	263	15,935	553
194	H	3-10	305	18,389	622
Harold K Halteman					
Maggie	H	14-8	305	16,571	624
Rhoda	H	6-4	305	21,481	675
E N Halteman & Son					
Valerie	H	3-6	305	18,757	714
Patty	H	2-4	305	14,946	542
Donald O Kriebel					
27	H	9-5	305	15,650	575
69	H	6-1	305	15,837	601
7	H	4-0	305	16,690	585
18	H	3-11	305	15,665	560
Robert W Wolfgang					
Christi	H	5-11	255	12,749	506
J Harold Keener					
Tracy	H	11 10	305	22,375	1006
Trinket	H	5-6	286	19,297	748
Rosebud	H	3-0	293	17,941	578
Fred Seipt Family					
Rainbow	H	8-6	305	19,144	694
Tammy	H	9-1	156	10,399	518
Jinny	H	6-7	305	18,356	738
Sox	H	5 4	305	17,863	721
Adriane	H	8 0	305	20,583	775
Julie	H	4-8	305	17,332	711
Janice	H	3-6	305	19,204	706
Carrie	H	3-10	305	17,330	704
Gentle	H	2-9	305	16,269	714
Leader	H	3 3	305	18,103	742
Claude R Bieler					
Babe	H	7-10	305	14,715	548
Kenneth P Schultz					
1	H	4-4	305	17,229	689

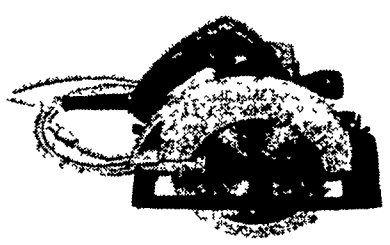
(Turn to Page C28)

WOOD-WORKING MACHINERY SPECIALS

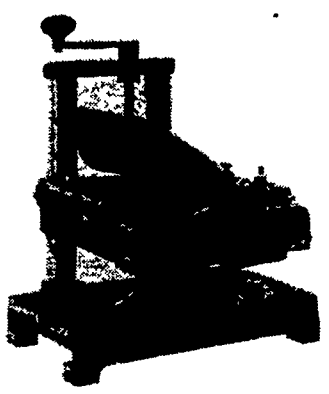


POITRAS SPINDLE SHAPER
Model # 2800B
without electrics, in stock
Reg $877.00 OUR PRICE **$833.00**

MAKITA FINISHING SANDER
Model #B04520
In Stock
List Price $70 00
OUR PRICE **$56.00**



MAKITA CIRCULAR SAW
Model # 5007B
In Stock
List Price $140.00
OUR PRICE **$112.00**



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Model #W7-S
without motor
In Stock
OUR PRICE **$640.00**

BLUE BALL MACHINE WORKS
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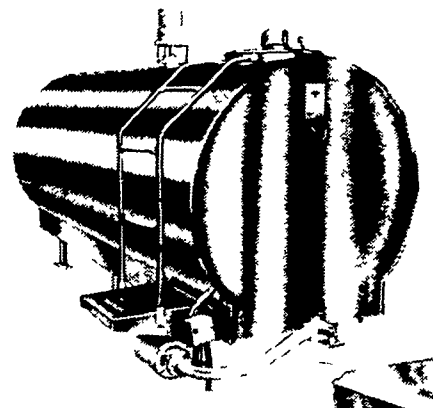
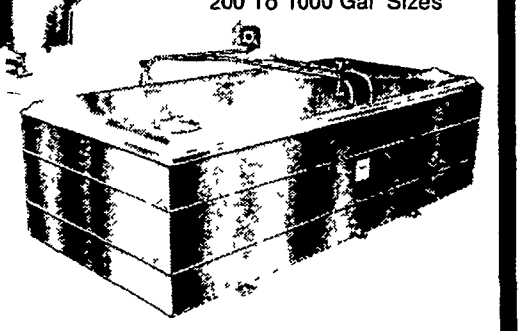
Bulk Tanks, with something in common . . .
PERFORMANCE!



D-5 AMBASSADOR
500 To 6000 Gal Sizes

GIRTON

D-4 DIPLOMAT
200 To 1000 Gal Sizes



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- FULLY-FLOODED GIRTON COLD PLATE
- STAINLESS STEEL CONSTRUCTION
- CAN USE R-12 OR R-22 REFRIGERANT
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We will do your refrigeration installments and service
Sub contract with Titus H. Horning

Montgomery Co. DHIA

(Continued from Page C27)

Woodson Farm					
Hesteri	H	4-8	305	14,744	557
Fern	H	2-8	305	15,085	530
Clyde Masemore					
55	H	8-6	305	11,137	539
59 B	H	3-9	305	13,074	550
18 B	H	3-7	305	11,595	528
Gehringer Brothers					
Muff	H	5-8	296	14,831	566
Mermaid	H	4-1	305	15,291	651
Erin	H	2-11	305	13,922	548
Mora	H	3-2	265	12,069	550
Hoffman Farms					
108	H	3-6	305	12,951	512
149	H	4-6	305	16,485	555
Andrew Schertel					
Dixie	H	5-4	305	14,933	555
Pee Wee	H	4-2	305	15,449	614
David P. Longacre					
Dulcie	H	5-6	305	18,773	658
Ruby	H	5-5	305	21,188	702
Barbara	H	3-7	305	22,376	797
Mary	H	3-5	305	21,469	709
Franklin J Schlegel					
Leader	H	8-6	305	14,385	534
Hy-Vue Farms					
40	H	6-10	305	28,434	774
183	H	6-9	305	16,897	598
103	H	6-7	305	19,405	678
52	H	8-3	305	16,239	540
227	H	8-11	305	13,367	528
294	H	5-0	305	16,204	562
451	H	6-9	305	17,591	627
111	H	10-1	305	15,287	605
412	H	3-1	305	15,089	555
733	H	2-4	305	21,107	566
Irwin Ziegler					
Alma	H	6-4	295	16,386	606
Paul W Weaver & Sons					
177	H	9-5	305	17,092	744
218	H	7-7	305	15,293	595
268	H	3-8	305	15,347	526
272	H	3-9	305	16,060	543
281	H	2-6	305	15,539	533
284	H	2-9	305	15,242	530
285	H	2-11	305	15,732	565
287	H	2-9	294	16,348	534
W B Saul High School					
Roseann	H	3 10	305	17,041	633
Roy S Kolb & Son					
4F	H	6-10	305	19,019	645
33 J	H	3-6	305	20,586	661
Daniel E Kolb					
21 F	H	6-10	305	16,709	600
31 K	H	2-4	305	13,647	538
Gordon D Holl					
Queenly	H	3-4	305	16,373	653
Robert A Hewitt					
79	H	3-11	305	15,859	650
60	H	4-8	244	11,740	505
93	H	2-5	305	15,007	595
101	H	2-3	305	15,194	513
James Guntz					
1	H	7-4	305	13,155	629
5	H	3-7	305	19,306	680
11	H	6-7	305	14,594	560
George Sisbort					
193	H	4-8	271	15,367	587
John W Meyers & Son					
Bonnie	H	7-0	305	19,077	601
Mary	H	5-6	305	15,979	521
Marsha	H	3-4	305	14,482	576
Myrtle	H	2-0	305	14,705	531
Esther	H	2-4	305	12,731	558

Dauphin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

April 1981

Daily herd averages above 1.0 lbs. fat.

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Robert J. Schaffer	H	62.2	95.2	59.3	3.7	2.20
Larry L. Boyer	H	22.0	95.3	56.7	3.8	2 17
A Grand View		56 0	107.0			
Roy M. Brubaker	H	59 0	91.3	60.8	3 4	2.08
Henry Keiter	H	47.7	96 0	52.8	3.9	2.05
Catalpa Farms	H	113 1	96.6	53.3	3.8	2.02
Robt. H Beach Jr	H	45.8	87.1	50 6	3.9	1.99
Earl Campbell	H	51.6	95.1	49.9	3.9	1.96
Frank Wagner, Jr.	H	46.7	93.9	49.2	3.9	1.90
Lytle Farms Inc.	H	98 8	90.1	50.5	3.7	1.89
Homer Campbell	H	74.7	95.3	46.6	4.0	1.85
J. Richard Alwine	H	46.4	90.7	46.4	3.9	1.83
Calvin B Mauser	G	72 3	84 9	41 3	4 4	1.81
Restful Acres	H	75 5	87.0	48.9	3.7	1.81
Wil-Lene Farms	H	53 4	89.2	51 9	3.5	1.81
Stoney Lawn Farms	H	84.5	87.4	49 2	3.6	1 79
Lauden Farms	H	117.1	90.7	47 6	3.8	1.79
John Hertzler	H	68 7	92 1	47 3	3 7	1 77
Wilmer Campbell	G	59 9	89 2	39 5	4.5	1 77
Earl E Keefer	A	81.8	87 7	43 5	4 0	1.76
Elwillo Farms	H	108 5	90 9	43.9	4 0	1 76
Mahlon L. Lehman	H	50 4	91.9	45 8	3 8	1 75
Great View Farms	H	54.6	91 3	44 4	3.9	1 73
Paul L. Crissinger	H	83 4	88 0	44 1	3 9	1.70
Robert Oellig	H	34.5	89 0	40.3	4 2	1 69
J Melvin Brandt	H	71.5	83 1	43.6	3.9	1 69
Conewago Farms	H	39.4	90 9	43.7	3 8	1 68
Lee R Sweigard	H	23.8	82.2	44.7	3.7	1 67
Paul E. Clugston	H	67.8	87.7	43 3	3.9	1 67
Roy C Wilbert	H	24 0	96 5	45.2	3.7	1 67
Donald M Deemar	H	41.2	84 6	41 4	4.0	1 64
Harold M. Nissley	H	44 0	83.2	43 8	3.7	1 61
Oel-Dell Farms		47.0	98 5	44 4	3.6	1 61
Floyd Feidt	Mix	69 6	90 3	38.8	4 0	1 55
Arthur Brandt	H	93 8	88.1	40 1	3 9	1.55
John Roy Book	H	53.2	90.1	38.1	4.0	1 53
Jeff Rode	H	60.7	96 2	40 9	3.7	1 52
Gary E. Miller	H	80 4	82 5	37 9	4 0	1.51
James Lesher	H	40 0	83 2	40 0	3 7	1 49
Oel-Dell Farms	H	45.2	87.1	40 9	3 5	1 45
Lebo Brothers	G	41 0	83 3	30 6	4 6	1 40
Bryncoed Farm	J	130 0	87 3	26 4	5.2	1 38
Walter Schaffer	H	43 6	82.2	32 2	4 2	1.36
Stanely Wilt	H	63 0	88.9	30 6	3 7	1.12
Boyd Dimpsey		33 9	83.3	25 2	4 1	1 03
Raymond Belack	H	78 7	69.3	24 6	4 1	1 02
Ronald R Johnson						
Moo Kow	H	6-8	305	19,438		794
Penny	H	3-6	305	12,582		527
Lalisa Holsteins						
10	H	5-4	305	16,752		654

OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS. FAT
Bryncoed Farm Jersey				
11 B	9-2	11,023	4.6	510
34 0	8-8	9,744	5.2	502
108	7-2	11,553	4.4	511
200	5-5	10,074	5.2	520
251	4-7	11,381	5.1	583
298	3-10	9,030	6.0	539
John Hertzler				
Dina	4-9	14,491	3.8	548
Velvet	6-0	18,336	2.7	501
Bo	8-8	17,517	3.2	565
Carolin	2-2	14,409	3.8	541
Earl E. Keefer				
Ellen	6-11	13,039	4.3	556
Bettie	3-2	15,134	3.9	583
Bess	2-10	15,335	4.3	666
Nellie	2-10	15,514	4.2	646
Calvin B Mauser				
Lass	6-5	13,615	4.4	601
Jewel	3-4	14,085	5.0	700
Marian	3-3	14,264	4.6	663
Dorothy	2-7	14,546	4.0	587
Robert J. Schaffer				
Kelly	8-3	22,293	3.5	781
Emma	3-8	23,749	3.3	779
John Roy Book				
Mitzie	5-3	14,984	3.5	524
Candy	5-4	18,943	3.1	589
Marie	5-3	17,150	4.0	694
Lindy	2-11	13,470	4.3	575
Lee R Sweigard				
Tiny	5-6	16,346	3.6	586
Betty	5-2	11,956	4.5	534
Stoney Lawn Farms				
Besta	4-4	16,905	3.9	654
Arletta	3-8	16,225	3 4	548
Lytle Farms, Inc.				
Laina	11-4	14,972	3.8	567
Paul L. Crissinger				
Crystal	6-5	18,810	4 1	770
Sonya	7-5	16,196	3.8	609
Amiga	5-9	17,821	3.8	674
Mindy	5-5	19,515	3.7	720
Avice	5-6	15,570	4.2	658
Dora	3-5	21,097	3 7	774
Tillie	3-4	16,397	4 0	656
Floyd Feidt				
Rainy	6-2	14,012	4.3	601
Mahlon L. Lehman				
Martha	7-7	13,006	3.9	506
Nan	6-5	18,473	3 6	657
J. Melvin Brandt				
Wendy	8-9	17,649	3.6	637
Freda	6-0	18,083	3 8	691
Tiny	3-10	17,646	3 7	655
Panda	3-10	18,088	3.6	657
Wilmer Campbell				
Bertha	5-11	14,492	4 4	633
Opearl	5-0	14,691	4 3	629
Harold M. Nissley				
Ricky	3-8	14,657	4 0	587
J Richard Alwine				
Candy	6-4	14,564	4 1	600
Isabell	6-8	18,911	3 5	663
Catalpa Farms				
Darlene	5-6	14,184	3 8	540
128	2-0	14,908	4 3	644
129	2-0	16,558	3 6	589
Restful Acres				
Booty	2-2	15,572	3.8	585
Robert H Beach, Jr				
102	4-8	15,924	3 7	594
122	3-10	14,995	4 0	599

(Turn to Page C29)

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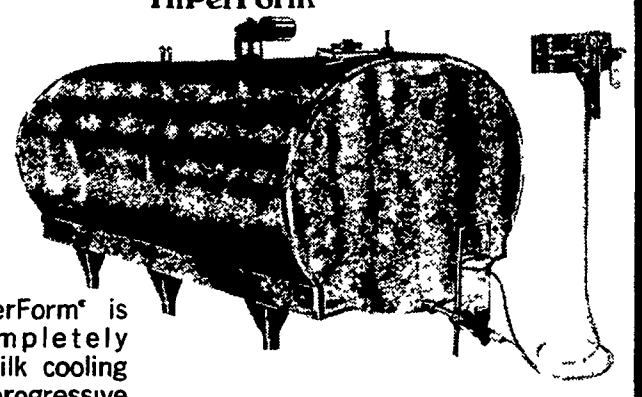

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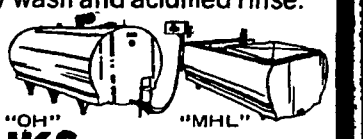

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TANKS TANKS TANKS

Dauphin Co. DHIA

(Continued from Page C28)

137	3-3	15,250	3 9	588
162	1-10	13,951	3 7	511
Lauden Farms				
Elsi100	5-7	16,626	3 5	576
Carie85	4-6	23,538	3 4	811
124	3-1	16,951	3 5	593
88	2-1	19,165	3 4	655
87	2-1	14,658	3 5	508
90	2-1	14,958	3 4	502
81	2-3	17,220	3 0	515
Frank Wagner, Jr				
5	2-11	16,424	3 6	589
11	3-3	19,069	3 5	668
8	2-1	13,537	4.0	544
Gary E Miller				
26	8-7	21,041	3 0	641
43	7 6	16,678	3 8	632
126	6-7	22,786	3 2	736
Great View Farms				
Marge	4-8	19,061	4 2	806
Marlene	2-5	18,583	3 5	652
Cookie	2-4	14,893	3 5	514
Lucy	2-4	18,314	3 3	604
Earl Campbell				
8	4 8	13,317	3.9	524
Donald Miller Deemar				
32	8-7	12,664	4 2	531
106	6-10	13,677	3 7	512
Roy M Brubaker				
Sharon	4-11	19,244	3.3	634
Connie	4-9	16,575	3 5	578
Showbal	8-8	15,650	3.5	555
James Lesher				
Linda	2-0	14,460	4 1	597
Arthur Brandt				
Ida	5-8	14,504	4.2	604
Alice	3-6	15,435	3 7	574
Elwillo Farms				
29	8-8	19,522	4 7	922
5	7-4	21,190	3 1	648
24 R	5-9	15,434	3 8	586
27	4-11	18,877	4 1	769
51 R	4-2	14,558	3 9	565
67	3-3	15,212	3 6	553
144-R	2-10	17,097	3 9	661
47	3-0	14,240	3 5	501
153-R	2-5	16,277	3 1	500
161	2-6	16,102	3 3	531
156-R	2-4	16,636	3 4	573
197	2-6	14,303	3 6	511

June is dairy month

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MF 255/265/275/184-4 (52, 60, 67, 62 PTO hp)	$600	
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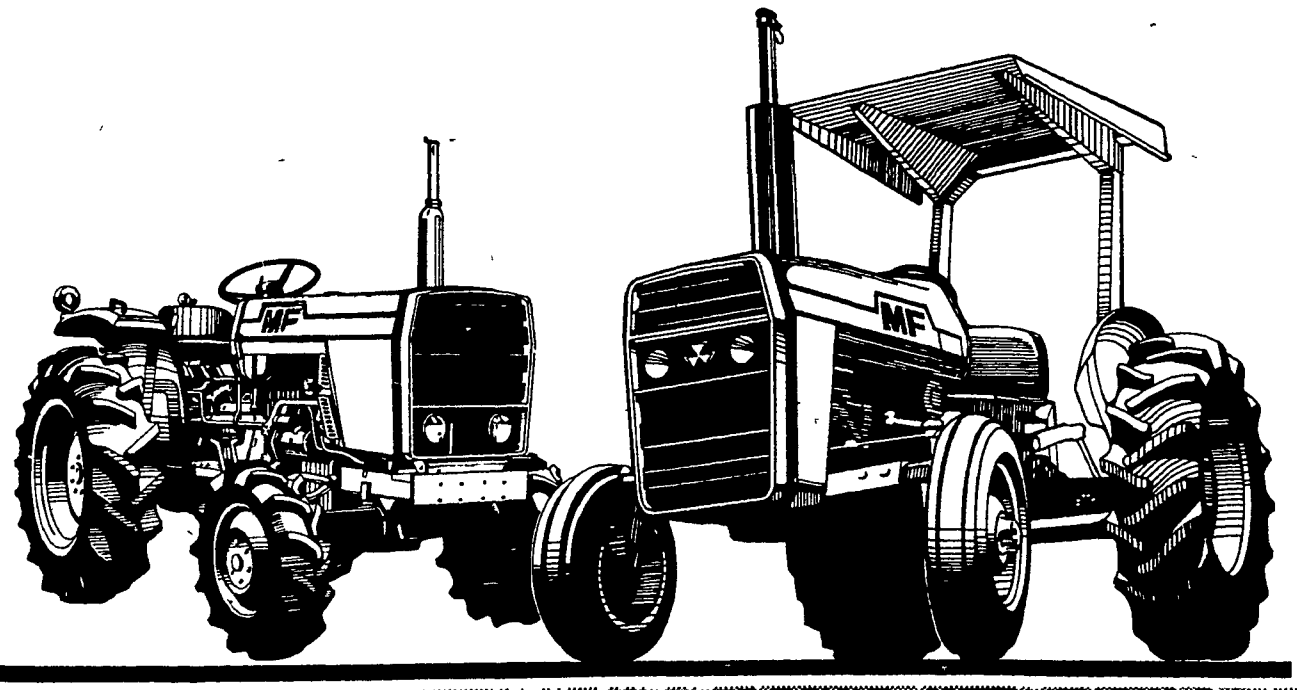

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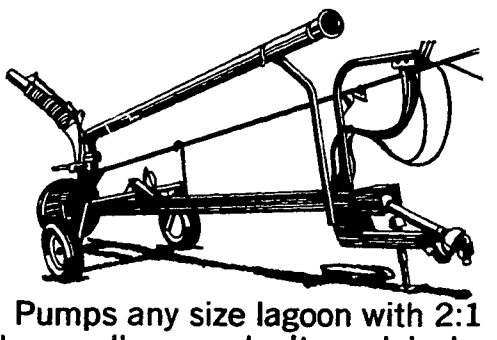

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Farm Talk

Jerry Webb

Crop reports, ag's 'top secret' info

Intentions of U.S. farmers to plant spring crops released recently shows virtually no change from last year. At about 84 million acres, intentions to plant corn were down 0.2 percent. Intentions to plant soybeans were almost 70 million, down 0.4 percent from 1980.

During the past four years, changes from spring intentions to actual plantings have been quite small. Shifts from corn to soybeans have been about the same as shifts from soybeans to corn, and the number of swing acres appears to be about 1.5 million, according to USDA information. Changes this year will depend primarily on weather at planting time.

Corn production will be between 6.4 and 8.0 billion bushels, according to USDA's Crop Reporting Board. At the average yield, production would be 7.0 billion.

The bottom end of the yield range would result in an acute shortage of corn and the top end a troublesome abundance. Obviously, the weather will be unusually important.

The use of corn during 1980-81 is about 7.7 billion bushels. To produce such an amount this year will require a yield of 105.8 bushels per acre, 10 bushels above the five-year average and the second highest yield on record.

The soybean harvest should be around 69 million acres in 1981. During the past five years the average yield has been 29 bushels per acre. The indicated range in crop size is from 1.8 to 2.2 billion bushels, and the average yield would produce 2.0 billion. The total disappearance of soybeans in 1980-81 will be about 1.87 billion bushels.

Average yields this year will produce about as many soybeans as are currently being used but will leave no room for the kind of demand increase that has typified soybeans for many years.

All of this corn and soybean information — a closely guarded secret until it was announced a few weeks ago — has important implications for lots of folks. That's why the whole crop reporting process is so secretive.

It's about as close to real cloak and dagger work as you can get with anti-bugging devices, security clearances and an air of secrecy befitting the CIA. Security procedures usually associated with military intelligence are used to protect USDA's monthly forecasts of crop production. From the first inspection of the data in the field offices to 3 p.m. on the day of the information is released by the Crop Reporting Board in Washington, security is tight.

When the forecasts are carried out of a locked corridor to a release room, news reporters rush to phones and relay the estimates to their wire services, newspapers, and broadcast stations. From there, they're flashed across the country and to many parts of the world.

The ability to influence the figures — or even to get advance access — could be good as gold to a commodity speculator, foreign competitor or customer, or anyone else with a large stake in the prospective size and price of the U.S. crop.

The manipulation of data and special advantages are just what the crop reporting program is designed to prevent. Farmers, for whom the figures are really intended, often make decisions on planting, storing, purchasing, and marketing based on the USDA estimates.

As the sources of much of the information, farmers need to be confident the figures haven't been tampered with and other interests aren't getting the information first, according to Charles Hudson, in charge of security for the Crop Reporting Board.

Everyone involved with the data used in the estimates, from those who conduct the surveys to typists, must sign statements of confidentiality, and all are forbidden to speculate in commodities. Stiff fines and imprisonment await the violator.

Results of interviews, an objective yield count, mail questionnaires, and telephone inquiries are evaluated at the state statistical offices. State indications of crop output are then sent in envelopes requiring special handling by the post office to the Crop Reporting Board in Washington where they are processed under tight security.

The statistical summaries are taken under armed escort to a specially equipped corridor that, when the board meets, is sealed off with double-locked doors and guards. All telephone lines are disconnected, and special rigid shades are drawn and sealed to prevent tampering.

Before the state summaries are opened and examined, board members are totally cut off from the outside. This is known as the "lockup." The board starts reviewing the state summaries as early as 3 a.m. during the late summer months, when most major crops are estimated, in order to make the 3 p.m. release deadline.

Entry into the lockup area is restricted to those with valid passes, and anyone who enters must stay until 3 p.m. The full lockup procedures are used only with those products traded on the commodities markets which have been designated as "speculative crops" — wheat, corn, soybeans, cotton, and Florida oranges.

Before the board meets, Hudson "debugs" the corridor where the final estimates are being prepared. The detector that he uses automatically locks onto the strongest signal in the area — normally a commercial radio station. If a secret signaling device in the locked corridor were turned on, the detector would instantly pick it up.

The security may seem a bit dramatic, but it's there for a good reason. Around the turn of the century, one person signaled information to a crony outside the building by raising and lowering the shades according to a present code.

The conspirators were caught, but this incident convinced the board to take precautions, leading to the practically foolproof system today. Since then, no other branches of security have been detected.

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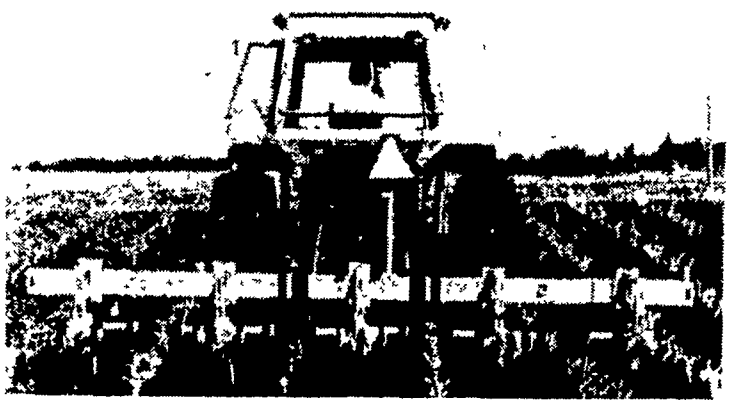

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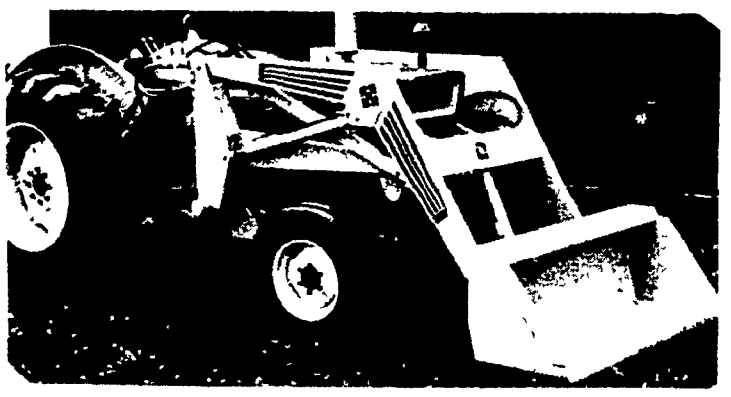

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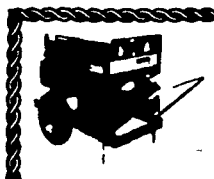

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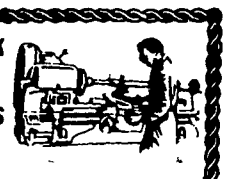

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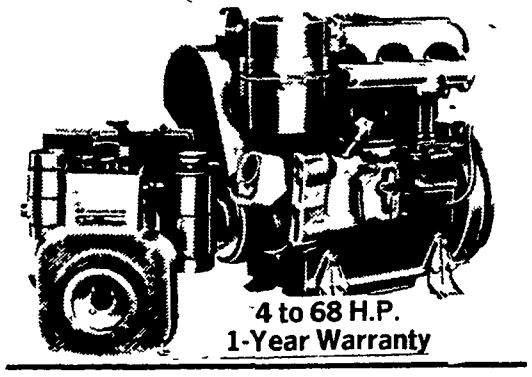

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Pennsylvania Dairy Herd Improvement Association

April 1981

Dairy Herd Improvement Report for Montour, Northumberland, Snyder and Union for the of April 1981.

Herds averaging 1.35 lbs. butterfat per day are as follows

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
Montour					
Carl R. Slater & Son	RH	28 5	91.0	63.7	2 31
Clifford A. LeVan	RH	19 8	90 6	58.7	2.30
PA Dept. of Agriculture	R&GrH	111.9	94 6	54.8	2.29
Earl W. Harris	R&GrH	53 2	91 7	55.6	2 06
Lundy Brothers	RH	37.9	88.1	49.5	1 99
Mar-Ja Farm	RH	129.5	94 6	47.1	1 97
JA DA Land	R&GrH	86 0	93.8	45.1	1 79
Limestone Run Farm	R&GrH	92.7	90.7	45.9	1 74
Ralph Kitchen	R&GrH	37.0	90 3	44.4	1 70
George Farms, Inc	GrH	31 4	96 3	43.0	1 54
John Zook	R&GrH	42.5	79.8	38.9	1 50
Eli J. Hostetler	R&GrH	53.0	91.6	35.9	1 46
Robert R Beyer	R&GrH	39.5	85.4	37.9	1 43
Howard Fenstemaker	R&GrH	27 0	87 4	35.7	1 40
Paul E Ross	Mix	39 0	93 2	33.1	1 40
Hostetler Brothers	R&GrH	37 9	84 3	34.2	1 37
Northumberland					
F & T. Strouse	R&GrH	59.4	89.9	58.3	2 43
J Bomberger & Sons	R&GrH	133.3	91.0	54 7	2 15
R. Truckenmiller	R&GrH	52.2	97.6	58 4	2 09
Irvin Reynolds	R&GrH	64.1	90 7	52 0	2 03
R M D Shultz Farms	R&GrH	70 6	86.5	54.6	2 03
Ernest L. Wolfe	RH	63.5	90.1	56 1	2.01
Orville Shultz	R&GrH	44.7	95.9	51 9	2 00
Jerry Smith	RH	46 0	91.7	53.3	1.92
P. Buckwalter & Sons	RH	92 1	85 6	47.5	1 86
David B. Heffner	RH	38 9	88.5	46.9	1 83
Steven Witmer	GrH	35.3	98 5	45.5	1 77
Ernest Klinger	GrH	95 8	88 4	41.6	1.74
H Klock & Son	R&GrH	45 0	83 4	42.4	1.74
Leon Epler Fm Inc	R&GrH	147 7	88 3	40.7	1.66
Lloyd B. Zimmerman	R&GrH	85 9	81 4	49 4	1 66
Donald E Bieber	R&GrH	54.0	93 1	41 3	1 65
Ronald F. Wallace	R&GrH	83.4	94.3	39.2	1 66
C. Wayne Lapp	Mix	42 6	90 9	39.2	1.56
Jeffrey A Martz	Mix	22 0	84 1	41 1	1.54
Jeffrey A. Martz	Mix	21.7	79 8	39.4	1 49
Robert N. Bechtel	R&GrH	31.8	81.5	39.3	1 46
Garvin Schaffer	R&GrH	30 0	79.0	39.4	1 45
Oscar Baumert Jr	R&GrH	94 2	84 2	37.0	1 43
John E Supsic	Mix	25.7	96 1	40 6	1 39
E D. Schnure Jr.	R&GrH	50 0	78 1	34 3	1 38
William R Landis	R&GrH	30 0	80 4	36 4	1 38
Frank S Prutzman	R&GrH	63 9	84 7	35 1	1.37
Jeffrey A Martz	RG	22.0	76 7	30 4	1.37
Snyder					
Robt Ulmer & Son	R&GrH	58 4	88 8	59 1	2.24
Glenn M. Moyer	R&GrH	42 0	91.0	57.0	2.19
Michael C. Ewing	GrH	33 0	97 9	53.6	2 16
Harold S Hassinger	RH	40.0	92.0	54.5	2 13
W. Paul Womer	R&GrH	33 8	89.4	54.1	2 13
Sauderdale Farm	R&GrH	41.9	90.0	51.0	2 05
Alvie D Cook	R&GrH	35 4	93.7	53.4	2 04
B & D Parthemer	R&GrH	77.2	93 3	52.9	2 04
Dale Hornberger	R&GrH	39 9	90.9	51 5	1 98
I & M Wenger	R&GrH	51 0	89 9	46 8	1 98
George Krebs	R&GrH	40 0	95 4	50.4	1 96
Jeffe J Yoder	R&GrH	51 0	91.8	51 1	1.96
W. Paul Womer	R&GrH	34 3	85 0	47 7	1 92
Urie & Dan Yoder	R&GrH	53.7	94.2	51.9	1 91
J. & M. Shirey	R&GrH	55.0	90 3	49 1	1 91
H Narehood & Sons	R&GrH	58.9	85.7	48 7	1 91
Conewago Farms	RH	62 9	91 9	48 3	1.90
Mabarbil Farms	RH	72.3	94 5	51.6	1.85
Richard G Nerhood	R&GrH	41 0	86 1	44 3	1.81
Leire Fry & Sons	R&GrH	128.6	86.1	47 2	1 78
C.C. Fisher & Son	R&GrH	71.5	96 0	45 1	1.77
Randolph Hoffman	R&GrH	28.0	82 6	47 3	1.76
Ken & Edna Smith	R&GrH	58.9	84.8	44 1	1.73
Albert W Heimbach	GrH	127.4	81 0	41 9	1.66
S & S. Hoffman	GrH	46.9	88 0	40 1	1.66
G & E. Stuck	R&GrH	28.6	85.2	40 4	1.63
Ronald B. Reich	R&GrH	64.2	94.0	39 3	1.61
Nevin C Hoover	GrH	43.5	89.1	47 0	1.60
Robt. & C Waite	R&GrH	38.8	90.9	40 5	1.59
Clyde K. Alderfer	R&GrH	57.0	86 2	38.1	1.56
Richard E Weller	R&GrH	40.1	93 5	39 5	1 55
M. & M. Hauck	R&GrH	45.7	92 9	38 2	1 55
Three Ayr Farm	Mix	38.2	84.2	38 4	1 49
Albert M. Berg Jr	R&GrH	44 0	85 5	38 2	1.36
Union					
Wood Ann Farm Inc	R&GrH	29 7	100 1	66 0	2.44
San Be Farms	RH	68.5	94.9	57.7	2 15
Alvin H Martin	GrH	47.2	92 2	56.8	2 14
David W. Foresman	R&GrH	35 0	91 4	55.7	2.07
Joal Ann Farms	RH	74 0	91 2	56 0	2.06
Elam Beiler	RH	36 0	94.8	47 3	2 04
Clarence W. Beiler	RH	61 8	84 7	48 8	2.03
Leroy S. Zimmerman	GrH	44 4	90.2	57 7	1.97
Paul R. Smith	R&GrH	38 5	79 5	54.6	1.95
Lewis & John Kenamond	RH	47 5	92.3	50 8	1.94
Mark M Wehr	R&GrH	79 8	92 3	49.5	1.91
Roland Hackman & Son	RH	51 0	85.4	51.6	1.90
Leon M. Musser	RH	53 9	90.7	48 4	1.89
John F. Stoltzfus	R&GrH	40 0	85.6	50.9	1 89
R. Dietrich & Son	R&GrH	23 3	95.7	51 9	1.87
Aaron R Zimmerman	R&GrH	37 5	93 4	54.2	1 86
Jonas R Zeiset	R&GrH	39.4	83 8	46 8	1.82
Allen Reichley	Mix	41.2	91.1	36 7	1 81
Elwood Keefer	R&GrH	35 5	93.8	44 3	1 80
Eugene Spangler	R&GrH	77.1	88.8	44.3	1.79
Wilmer E Zook	R&GrH	40.3	89 6	52 2	1.79
Robert L Stahl	R&GrH	30 0	78 9	41.7	1.79
Kore M Yoder	R&GrH	35 8	85 2	46.5	1.78
Jon H Ocker	R&GrH	41 4	96 4	46.0	1.78
Ben S Yoder	R&GrH	36 9	95.1	52 4	1.77
R R. Klingler	R&GrH	46 3	88.3	46.1	1.76
Joe E Miller	R&GrH	64 0	90.9	48 7	1 76
Dock View Dairy	GrH	106 9	83.1	45.7	1 73
Leroy Gotshall Jr	R&GrH	31 2	81.5	48 2	1 69
Amos J. Zook	R&GrH	53.9	87.4	45 2	1.68
Maple Lane Farm	GrH	33 6	75.0	45 3	1.67
Triple-M Farm	R&GrH	68 7	84.2	45.6	1 66
Harry L Snook	R&GrH	26 6	91.2	37.1	1 65
Ben Martin	R&GrH	32 3	82.3	46.6	1.65
Kenneth T Shuck	R&GrH	51 7	86.2	42.4	1 64
Roger M. Shively	R&GrH	22 5	85.1	40.9	1.64
Zi-Wes Dairy Farm	RH	52 5	91.0	40.7	1.63
Hemlock Meadow Fm	R&GrH	49 6	83.2	42.7	1.62
F & L Troester	R&GrH	102 3	86.1	45.9	1 62
Joseph E. Snyder	R&GrH	60 3	87 5	39.0	1 58
D & D Spangler	R&GrH	52 0	92.2	42.9	1 57
Paul Longenecker	RMixed	36 5	93 9	31.6	1 57
William D. Pontius	R&GrH	39.2	90.0	43.1	1.56
Geo. & Sam Willow	R&GrH	42 0	87.4	39.2	1 51
Melvin Stoltzfus	R&GrH	55 6	89.9	48.9	1 50
Clair Katherman	R&GrH	32 0	92.6	38 3	1.49
Heiss Brothers	GrH	72.8	96.9	39.1	1 45
U.S. Penitentiary Fm	GrH	64.6	83 5	35 0	1.42
Daniel Z Stoltzfus	RH	72 0	87.3	42.1	1.41
Crissons Farms	R&GrH	60 0	88 6	37 0	1.40
A.L. Rishel	GrMix	55 8	84.7	37 4	1 40
T. & M Shuck	R&GrH	62 7	82 1	36 5	1.35

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Montour					
Lundy Brothers					
Connie	6-10	305	16,997	3 9	655
Sunnys	4-3	305	19,516	3 9	759
Mar-Ja Farm					
Pac	8-6	305	16,888	4.4	749
Delores	7-6	305	19,330	4.2	818
Dixie	6-5	305	17,907	4.4	780
Dollie	5-1	305	20,688	4.2	870
Carol	4-5	305	18,660	4.2	781
Jill	4-7	305	20,272	3.5	711
Leann	3-3	305	16,866	4 7	796
Clover	2-9	305	14,561	4 5	657
Eli J Hostetler					
Apple	5-10	305	18,497	4 3	789
Limestone Run Farm					
61	9-11	305	17,702	4.3	754
48	6-8	305	18,961	3 9	738
86	3-0	287	18,274	3 8	697
Clifford A LeVan					
Winker	2-11	305	15,923	4 5	723
Howard H Fenstemaker					
Chip	6-8	305	16,630	4 1	680

(Turn to Page C32)

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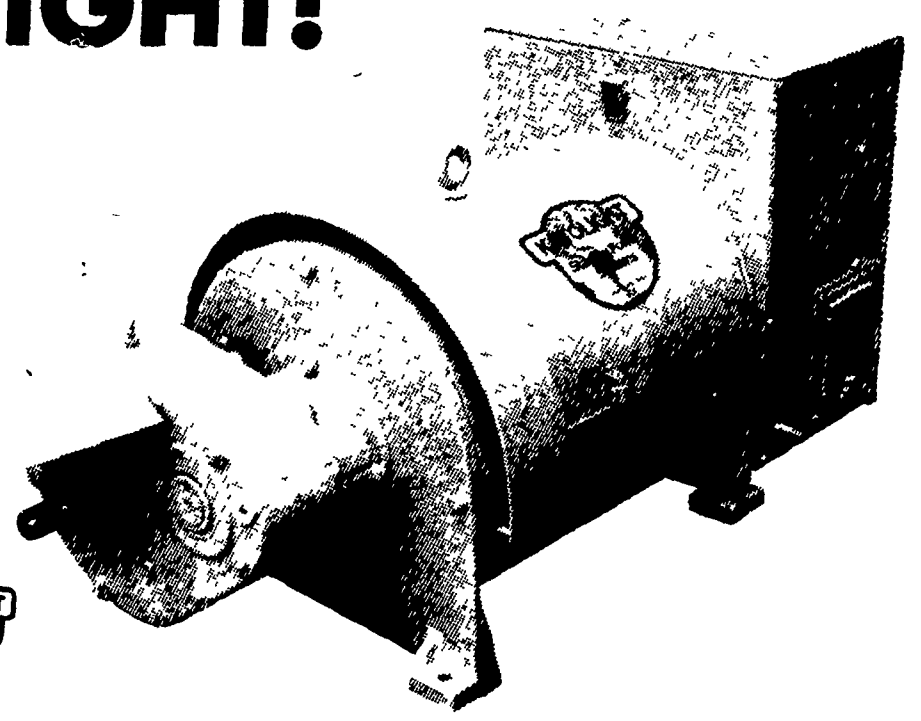

Model Selection Chart

Model No.	Watts	Momentary Surge Watts	Minimum Required HP	Volts	C.B. Amps	Phase	Wire	Approximate Wt. Net Lbs.	Approximate Wt. Ship Lbs.
15LR1	15,000	45,000	25	120/240	60	1	3	425	490
25LR1	25,000	75,000	40	120/240	100	1	3	475	500
35LR1	35,000	105,000	55	120/240	150	1	3	580	600
45LR1	45,000	135,000	70	120/240	175	1	3	670	730
55LR1	55,000	165,000	86	120/240	225	1	3	730	750
85LR1	85,000	255,000	130	120/240	350	1	3	795	860

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Upper Susquehanna

(Continued from Page C31)

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Dear 7-6 301 17,164 3 9 672

Robert Truckenmiller
54 9 8 305 25,148 3'5 874
20 4-6 305 26,770 3 4 901

Paul Wolfe & Son
Ruthie 6 3 305 16,055 4 1 655
Beulah 3-10 305 18,130 3 7 664

Park Buckwalter & Sons
Barbie 5-7 305 18,706 3 8 718

Irvin Reynolds
30 6-7 305 19,515 4 3 841
4 2-2 305 19,462 4 0 782

R M D. Shultz Farms
Cub 4-1 278 17,294 3 9 676

Donald E Bieber
D J 5-11 291 17,020 4 3 728

Lloyd B Zimmerman
80 5-0 305 22,476 3 1 707

John Bomberger & Sons
748 4-11 305 21,694 4 1 884
68 3-4 305 20,854 3 2 668
74 2-7 305 19,046 3 9 749
930 5-1 265 19,365 3 9 746
114 2-11 305 19,561 3 7 731

Fred & Tom Strouse
Ronald 2-5 305 15,518 4 3 666

Snyder

C C Fisher & Son
Ollie 4-3 305 18,588 4 2 774

Leire Fry & Sons
Souilla 7 0 305 14,273 4 6 654
Flash 4-10 305 14,933 5 3 791
Isabel 4-4 305 15,075 4 9 746

Glenn M Moyer
Joy 5-6 305 20,178 4 0 808
Sadie 5 1 305 20,757 4 1 857
Nancy 3 8 305 19,884 3 9 772

Richard G Nerhood
Sonia 5-0 305 18,146 4 8 868

Ronald B Reich
Lass 3-0 305 16,529 4 1 670

Lee & Sandra Shaffer
Ann 4-0 305 16,027 4 1 664

George Krebs
Bev 7-3 305 19,216 3 5 664
Beatty 4-9 305 21,712 4 2 915
Sweetie 3-4 305 15,864 4 2 672

Harold S Hassinger
99 6-9 305 19,626 4 5 891

H L Narehood & Sons
Twila 3-1 288 19 263 4 3 820

W Paul Womer
Denise 6 6 305 21,147 3 3 689
Rebecca 3 4 305 18,985 3 7 706

Randolph A Hoffman
Jolene 2-11 305 19,506 3 5 678

Alvie D Cook
Ruth 4-7 305 19,035 3 4 651
Jenny 4-5 305 15,600 4 9 768
Chris 3 3 305 16,814 4 0 671

Robert Ulmer & Sons
Tess [illegible] 305 [illegible] 4 0 761
Knight 5 305 23,898 3 5 829
Tammy 2 8 4 305 20,583 3.2 661

Ivan & Marian Wenger
Sally 6 4-8 305 15,375 4 4 678
Daisy 21 6 4 280 16,806 4 2 707
Lolip 35 4-4 305 19,935 3 9 769

B & D Parthemer
39 6 4 305 18,794 3 7 687

Sidney & Susan Hoffman
Bucky 6 2 305 17,114 4.0 688

Jesse J. Yoder
Shane 5-5 305 24,699 3 8 939
Patsy 5-8 305 18,166 4 3 780
Bert 4-2 305 15,651 4 4 695
Shela 3-4 305 20,382 3 4 700

Union

Leon M Musser
Reba 9-6 305 16,353 4 0 657
Pearl 7-7 305 21,078 3 6 768

Dock View Dairy
23 6-9 305 21,210 4 1 876
92 4-7 305 16,410 4 5 732

Lewis & John Kenamond
Pepper 7-8 305 19,537 4.0 785

Eugene Spangler
Locomo 6 8 305 17,903 3 6 652
Charity 6-6 305 21,214 3 2 674

R R Klingler
B 73 8-7 305 17,836 4.2 756
B 134 4-2 305 18,989 3 8 728

Clarence W Beiler
Cathy 7-1 305 19,001 3.7 696
Nettie 3-2 296 17,261 3 8 655
Celise 2-1 305 17,736 3 7 659

Elam Beiler
Fritzie 6-2 305 15,174 4 4 663
Lori 4-3 305 18,092 3.7 662
Josie 4-1 305 18,082 4.4 800
June 3-3 305 15,848 4.8 756

Roland Hackman & Son
Skoker 5-6 305 23,946 3 6 874

Amos J. Zook
Gail 6-5 305 20,675 3 6 752
Bobbi 3-8 305 21,258 3 3 695

John F Stoltzfus
82 5-6 305 23,691 3 3 776

Hemlock Meadow Farm
Laura 5-7 305 20,375 3 4 702
Babe 3-5 305 18,372 3 6 663

Mark M Wehr
72 7-3 305 18,687 4 6 854

Triple-M-Farm
46 9-0 305 14,705 4 9 724

U S Penitentiary
69 4-11 305 15,698 4.5 702

Daniel Z Stoltzfus
Shirley 6 6 305 18,985 3 5 670
Barb 6-4 305 21,676 3 4 728

Alvin H Martin
1 4-1 299 21,721 3 2 695
12 6-2 305 23,836 3 6 867
31 6-6 305 22,978 3 6 826

Jonas R Zeiset
Pepsi 5-5 302 19,961 4 0 793
Edna 5-6 305 19,253 3 8 735
Jane 2-2 305 16,239 4 0 657

F L & L.F Troester
38 8-3 294 20,323 3 7 752

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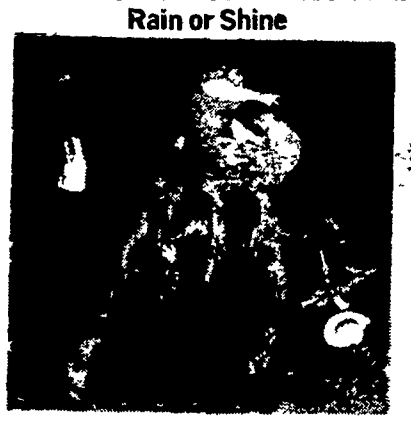

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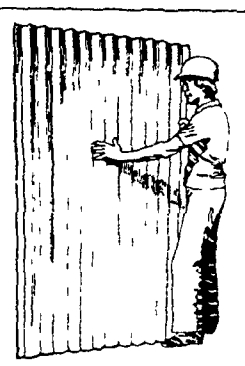

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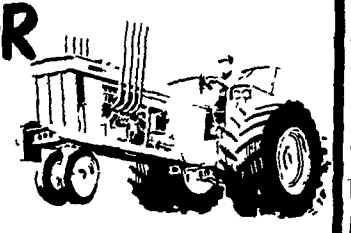

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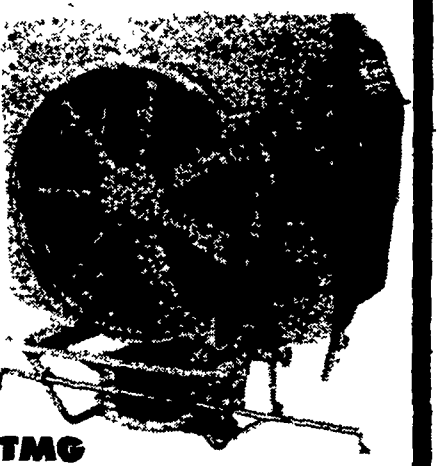

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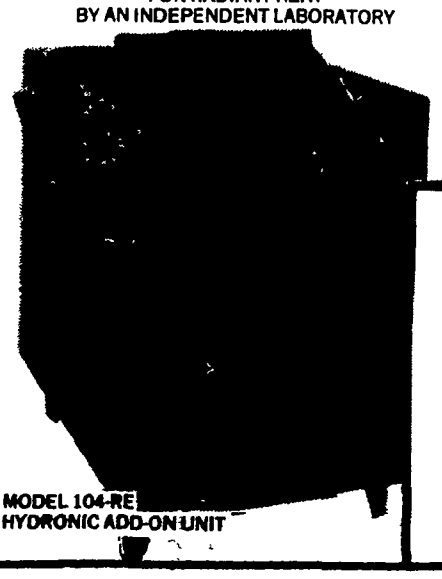

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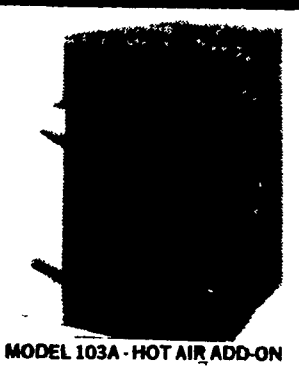

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Genetically superior hens improve egg shell quality

UNIVERSITY PARK — Improved egg shell quality by using genetically superior hens could decrease U.S. losses of about 250 million dollars annually from egg shell breakage, says Edward G. Buss, professor of poultry science at Penn State.

Buss and associates have spent several years developing hens with the genetic ability to produce either high or low shell quality. They claim eggs with high shell quality can best withstand damage from laying cages, egg conveyor belts and processing equipment, and handling of egg cartons.

"Improved shell quality could be maintained by poultry breeders through genetic selection," Buss said. "It's primarily a matter of proper use of breeding techniques."

Poultry producers know, he added, egg shell quality normally declines during 14 months of laying. However, even after 14 months, hens in the better genetic line produced stronger shells than hens of the lower quality genetic line.

Shell breakage in some flocks exceeds 10 percent of the eggs laid. It was noted eggs with high shell quality have 10 percent or more of their weight in the shells. Shell weight may vary from a high of 11 percent to less than 7 percent. When the percent shell is below 9, there is a noticeable increase in breakage. Losses become critical below 8.5 percent shell weight.

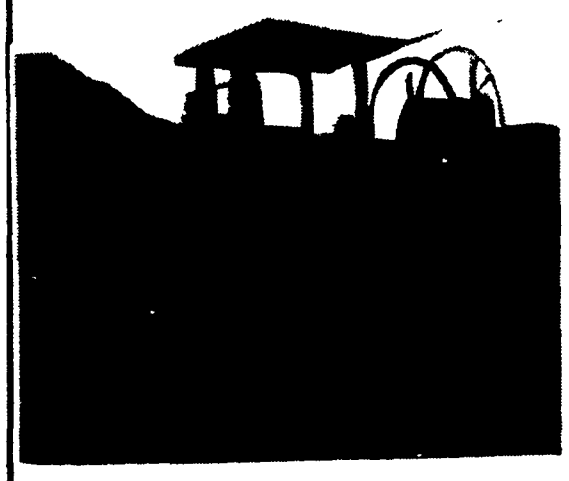
"The results of our experiments indicate it is important to start with hens producing eggs with high shell quality, above 10 percent of the egg in shell weight, if an acceptable level of shell quality is to be maintained over a 14 month laying period," Bass affirmed.

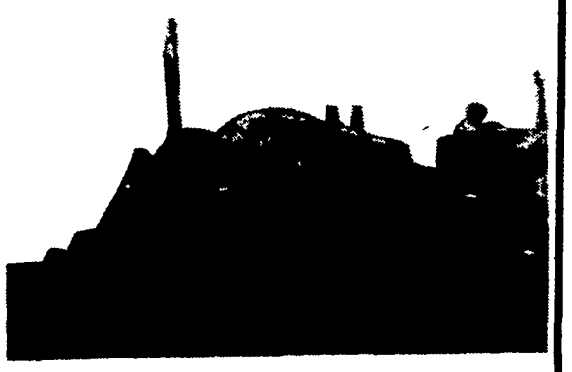
The findings suggest, he said that hens in the genetic line producing high shell quality are superior at absorbing calcium from the intestinal tract.

"When the diet is deficient in calcium, these same hens produce poorer quality shells," he stated.

Attempts were made at University Park to improve shell quality by feeding a diet containing 5 percent calcium in place of the 3.5 percent calcium in a standard diet for hens. The results showed no significant change for hens with high or low shell quality.

DRAINAGE PROBLEMS?





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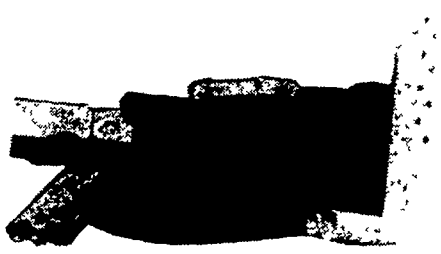
Farm Land	11%
Stocks	7.4%
Bonds	6.1%

COMPARE
Even with the conservative figures shown here, it's obvious that land drainage should top farmers' lists of investment priorities.



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Blair County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

April 1981

The fifteen high herds for the month of April are listed as follows

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Robert Dauberman	130	100 1	551	4 3	2 39
Raymond Diebold	314	97 6	648	3 7	2 37
Dawn Baker	1060	94 0	594	3 9	2 33
Rodney L Metzler	2004	94 9	543	4 1	2 23
Dennis A Smith	432	90 8	575	3 9	2 22
Robert A Brumbaugh	830	86 9	561	3 9	2 20
Mark Slagenweit, Jr.	433	91 1	544	4 0	2 18
Penn-England	710	93 7	519	4 1	2 11
Chas & Mike Hoover	884	93 5	612	3 4	2 09
Lar Ann Farm	1023	86 9	512	4 1	2 08
Marcove Farm	630	91 4	541	3 8	2 05
William R England	1595	92 8	526	3 9	2 05
Revere Smith	470	910	519	3 9	2 03
James Smith	390	932	578	3 5	2 02
Emile Dilling	859	869	507	3 9	1 98
Thomas W Kelly	602	835	489	4 0	1 98

HIGH COW

The high cow for the month of April is Tank, a grade Holstein 5 years 11 months old who produced 18,961 pounds of milk and 955 pounds of butterfat in 305 days for Julius Raplogle Congratulations!

Individual cow records of 305 days or less over 700 pounds butterfat

OWNER NAME OR NUMBER	BRD	AGE	LBS MILK	% FAT	LBS. FAT
G W & R G Baker 134	GH	6-7	22,005	3 6	784
Harold Guyer 42	GH	7-0	15,952	4 9	774
High Acres Farm Joy 46	GH	5-8	24,199	3 2	781
James Smith Mona	GH	4-0	21,793	3 5	764
Rich Lou Farms Melody	RH	11-3	18,778	3 8	715
Content	RH	3-5	18,967	3 7	701
Supreme	RH	3-11	18,170	4 0	721
Clover Will Farms 56A	RH	3-2	18,176	4 4	808
Harold Yingling 29VIOL	GH	4-8	17,572	4 2	740
Milton Corle & Sons Girtie	RH	5-3	22,213	3 4	761
Marcove Farm Maxora	RH	5-9	18,711	4 2	789
Emile Dilling 73	RH	6-6	19,791	3 8	754
119	RH	3-8	23,865	3 4	818
Dennis A Smith Nelly	RH	7-10	21,093	4 1	863
Gail	RH	2-8	17,183	4 3	731
Fred Bechtel Dolly	GH	4-0	22,463	3 6	798
William & Larry Baker 103	GH	5-6	19,022	3 9	750
37	GH	4-6	21,211	3 9	833
36	RH	3-8	18,963	3 7	708
Blackcrest Farms 88 B	RH	6-7	20,410	4 3	874
9	GH	5-3	20,428	4 2	864
23	RH	4-3	20,087	3 5	704
W. Dean Stern 35 R	GH	5-11	22,676	3 2	715
Cove Valley Hol Inc 98	GH	6-2	19,937	4 0	800
Cathy	GH	3-3	18,069	4 0	725
William R England 28 B	GH	5-3	20,449	4 1	845
30C	GH	3-2	20,796	3 5	737
Donald G Hoover Missy	RH	4-4	17,833	4 0	718
Dawn Baker 328	RH	3-3	22,494	3 4	756
Elwood H Stitt Midnite	RH	6-11	17,942	4 0	726
John Morrow Dora	RG	10-9	11,967	5 9	704
Rodney L Metzler 94	GH	8-6	15,965	4 6	736
Lar Ann Farm Carrie 2	RH	5-6	15,778	4 5	717
Maggie	RH	4-11	20,585	3 8	776
Flo	RH	3-11	19,803	4 1	813
Hedda	RH	4-2	19,541	3 7	718
Thomas W Kelly Lori	RH	6-4	18,891	3 9	746
Noah S Zimmerman Donna	RH	3-7	15,244	4 8	728

(Turn to Page C36)

MILK - TEST - TYPE

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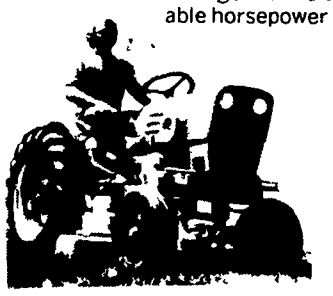

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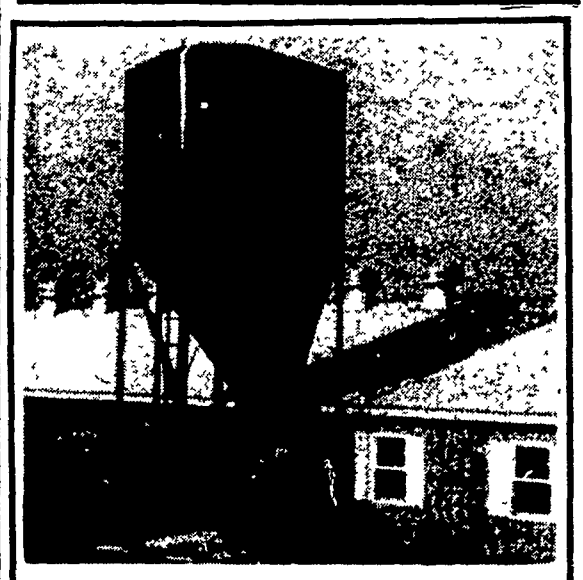

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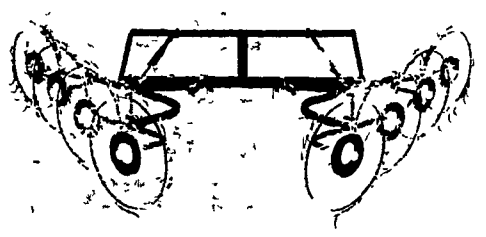

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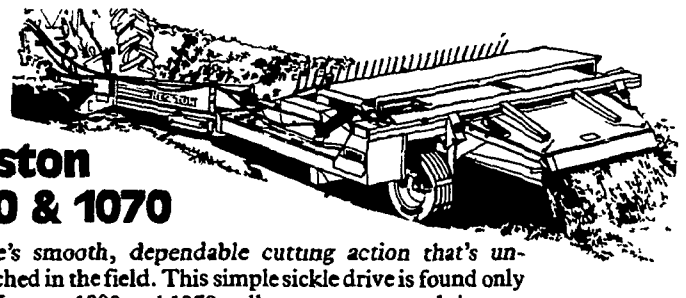

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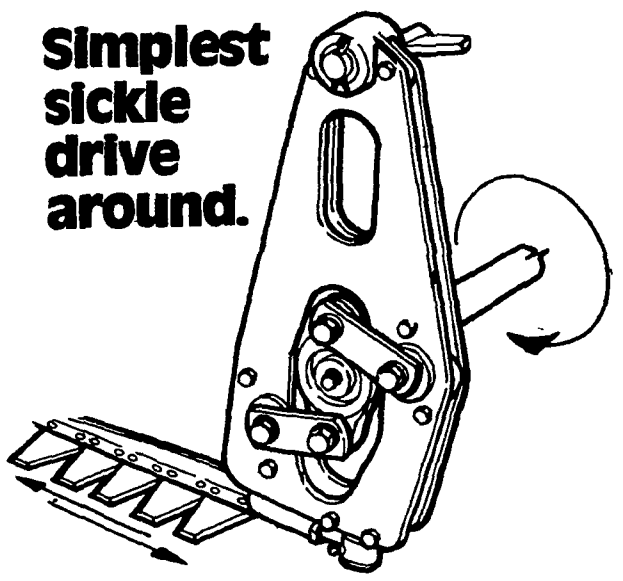

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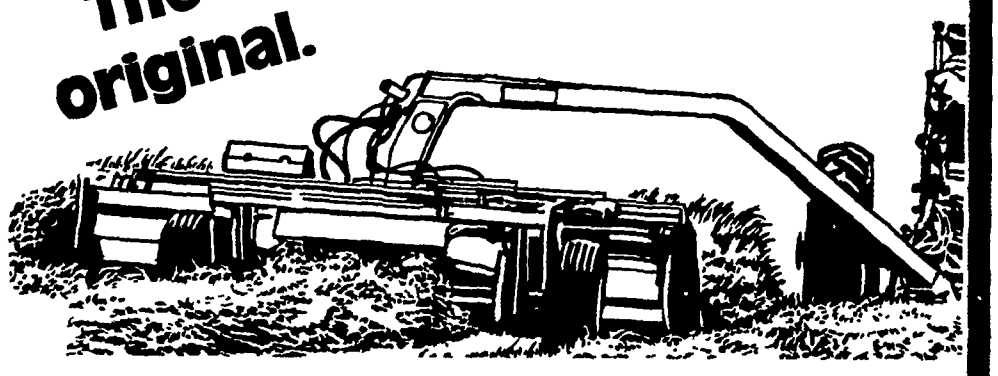

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Corn yield contest expects over 1,000 farmer participants

WASHINGTON, D.C. — Information concerning the 1981 Corn Yield Contest sponsored by the National Corn Growers Association is now available, according to William R. Mullins, NCGA president from Shabbona, Illinois, and Roger Kreutz, chairman, NCGA Corn Yield Contest Committee from Giltner, Nebraska.

There will once again be three contests in which both irrigators and non-irrigators can compete: Class A, Non-Irrigated Division; Class AA, Non-Irrigated Division; and Class A, Irrigated Division.

The Class AA Non-Irrigated Division is restricted to producers residing in the states of Illinois, Indiana, Iowa, Kentucky, Minnesota, Missouri, North Carolina, Ohio and Wisconsin. The Class A Non-Irrigated Division consists of producers in the remaining states while the Class A Irrigated Division is open to corn farmers in all states.

Entrants must be members of the National Corn Growers Association and members of the state association from the state in which they reside, if that state is affiliated with the National Corn growers Association Approximately 1,000 corn farmers participated in the 1980 Corn Yield Contest and, by all indications, 1981 entries will exceed the levels established last year.

Application forms, copies of the rules, and additional information can be obtained by calling or writing: Mrs. Connie Johnston, Program Coordinator, National Corn Growers Association, 510 East Locust, Des Moines, Iowa 50309, telephone 515/244-1212.

The National Corn Growers Association is made up of corn producers from 16 states, with the purpose of promoting the general welfare of U.S. corn farmers by maintaining and developing domestic corn production and price and income support programs consistent with a market-oriented grain economy. The activities of the organization are conducted through two offices, located in Des Moines, Iowa and in Washington, D.C.

State members of the National Corn Growers Association include Colorado, Illinois, Indiana, Iowa, Kansas, Maryland, Michigan, Minnesota, Missouri, Nebraska, New York, North Carolina, Ohio, Pennsylvania, Virginia and Wisconsin.

Blair Co. DHIA

(Continued from Page C34)

Julius Replogle					
Dawn	GH	7-4	20,490	36	739
Tank	GH	5-11	18,961	50	955
Raymond Diebold					
Tater	GH	11-8	20,196	36	723
Sunny	RH	2-2	18,905	37	702
Charles & Mike Hoover					
Snodri	GH	4-11	21,448	35	759
Model	RH	5-8	21,403	39	832
John Keithley					
9	GH	7-8	17,533	41	711
Meadow Brook Farm					
73	GH	4-11	18,739	39	736
Penn-England					
Shirp	RH	3-2	19,084	43	828
E P & D L Stonerook					
Marge	GH	4-11	21,748	35	752
Betty	RH	5-8	21,642	37	795
Aden Troxell					
Dolly	GH	4-6	17,782	45	800

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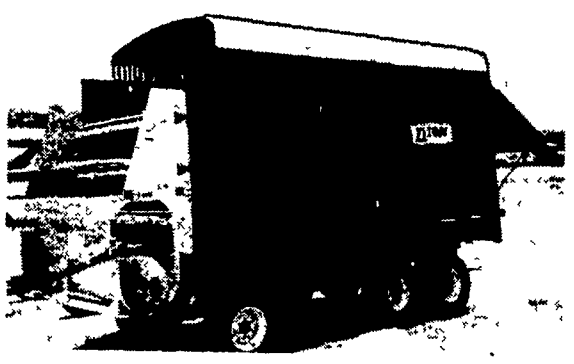
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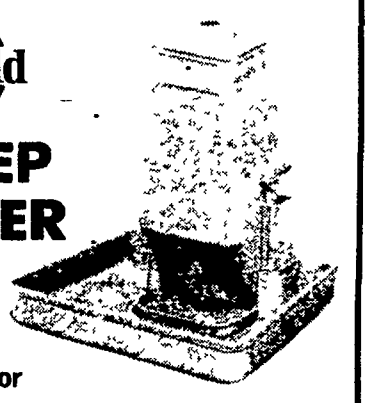
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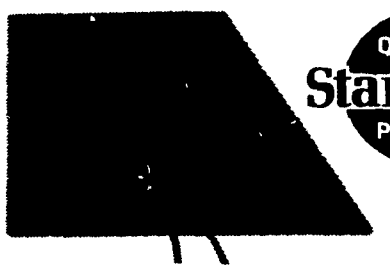
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Side-dressing 'Season' for corn nears

NEWARK, Dela. — It's just about time to side-dress your corn.

Side-dressing it with nitrogen early in the growing season will insure an adequate supply of this nutrient when plants need it most. This is also the most efficient way to use fertilizer N, says University of Delaware Extension soil specialist Leo Cotnoir.

"Nitrogen can increase corn yields more than any other nutrient," he says. "It can make the difference between profit and no profit."

As with most good things, though, careful use is essential, he cautions. The cost of nitrogen fertilizers has increased substantially in the last few years and it's likely to keep going up.

"There are also indications that excess use of N may be resulting in nitrate in ground water," says the specialist. "While more research is needed, this is a potential problem that can't be ignored."

Side-dress non-irrigated corn with N when plants are around 18 inches high, or knee high. For irrigated corn where fertilizer is added through a sprinkler system, start applying N at about the same time, but use smaller amounts. Repeat applications until you've put on the desired amount. Space applications so that one goes on just before tasseling.

How much N should be side-dressed? Anywhere from one-third to as much as three-quarters of the total N the crop gets should go on this way. The actual amount of fertilizer in pounds per acre will depend on the total N to be applied. This, in turn, should be determined by your yield goal on a given piece of land to avoid using excessive amounts, Cotnoir explains.

There's no available test for measuring soil nitrogen. Application rates must reflect realistic yield goals, says Cotnoir.

"There's no justification for fertilizing an unirrigated loamy sand soil for anticipated yields of more than 100-105 bushels of corn per acre. That's about 110 pounds of total N. On silt loam soils, yields of 125-135 bushels an acre can be anticipated, so N applications of 140 to 150 pounds per acre are justifiable," he notes.

With irrigation, you can expect yields of 180 bushels an acre. At these high yield levels, however, corn plants appear to require more N per bushel of corn produced than at lower yield levels, so higher rates may be justified — especially if the N is put on in a series of small applications of 20 to 30 pounds per acre each time the corn is irrigated.

In calculating how much nitrogen already has been applied, so that you know how much you need to side-dress, don't forget to take into account other sources of N such as legume cover crops and manures, reminds Cotnoir.

A good vetch cover can provide 50 to 75 pounds of available N. Poultry manure provides 25 to 50 pounds of available N per ton. Consider using these sources to reduce your production costs and to avoid excess nitrogen.

The N rate may be increased if heavy rains — over two inches in a day or two — have leached out nitrogen, especially in sandy soils.

As nitrogen fertilizers are highly soluble, they may be applied by any convenient method, with one important exception. Urea should be worked in or covered with soil to prevent volatilization of ammonia. This will present problems in no-till corn. Ideally, says Cotnoir, urea should be knifed in under the mulch to minimize ammonia loss.

Nitrogen solutions are often used for side-dressing. As these solutions are half urea, there's the chance of volatilization loss when the material comes in contact with the mulch. Dribbling on the solution in a fairly concentrated stream, rather than spraying, will reduce contact with the mulch and should result in less likelihood of loss, concludes Cotnoir.

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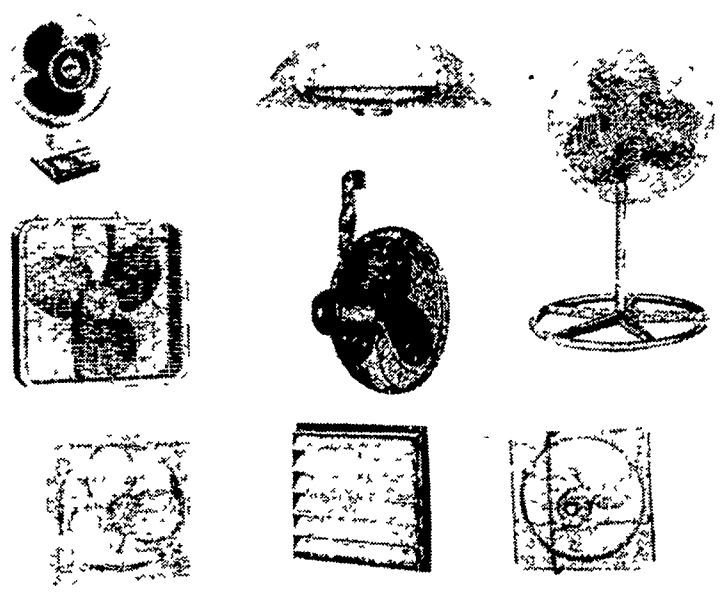


PAUL B. ZIMMERMAN, INC.

Hardware • Farm Supplies

Custom Manufacturing • Crane Service

Box 128, R.D. #4, Lititz, PA 17543

Wood Corner Rd., 1 Mile West of Ephrata

Phone: 717-738-1121

USDA announces gypsy moth treatment plans

BROOMALL — U.S. Department of Agriculture plant health officials have announced plans to halt artificial spread of the leaf-eating gypsy moth and wipe out isolated infestations.

Egg masses and other moth life stages are easily spread when they "hitchhike" on camper-trailers and other vehicles, firewood and other outdoor articles — sometimes starting new infestations.

USDA is using a variety of methods to eliminate isolated infestations far removed from the generally infested Northeast. These include areas in Virginia, Ohio, Michigan, Illinois, Wisconsin, Nebraska, Washington, Oregon and California. Chemical and biological insecticides, traps and attractants will be used in different areas.

Copies of a site-specific statement, which follows an earlier general programmatic environmental impact statement published jointly by USDA's Animal and Plant Health Inspection Service and Forest Service, are available from: USDA, APHIS, PPQ, Room 630, Federal building, 6505 Belcrest Rd., Hyattsville, MD. 20782.

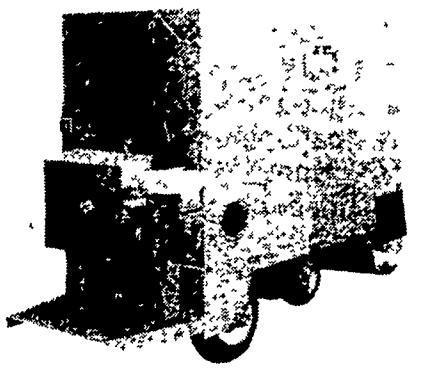
The Forest Service has also outlined specific plans for its cooperative state suppression program in the Northeast in another statement. Both APHIS and Forest Service statements are being sent to everyone who received copies of the earlier general statement.

Copies of the USDA programmatic statement and the Forest Service statement are available from: USDA, Forest Service, Forest Pest Management, 370 Reed Rd , Broomall, PA. 19008.

The gypsy moth stripped a record 5.1 million acres of forest, shade and ornamental trees in 1980, mostly in the Northeast.

WHICH WAY AMERICA

WIC MOTORIZED SILAGE WAGON WITH HYDROSTATIC SPEED CONTROL



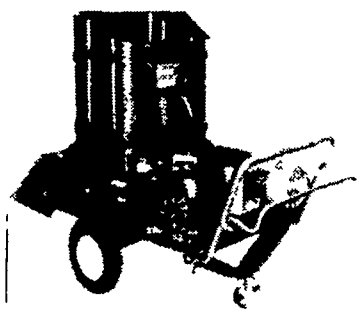
★ Regular Feed Discharge or 40" High Feed Discharge

★ Electric or Gas Operated

The NEW Hydra-static speed control gives you a choice of speeds from slow to fast. With a touch of the pedal the wagon moves forward or backward; release the pedal and it automatically brakes. You also have a regular feed discharge or a 40-inch high discharge from one or two sides. The WIC Silage Wagon is operated by gas or electric and available in 30-, 45- or 52-bushel sizes. With the 16-inch wheels it goes wherever you want to take it

A GREAT IMPROVEMENT ON EFFICIENCY

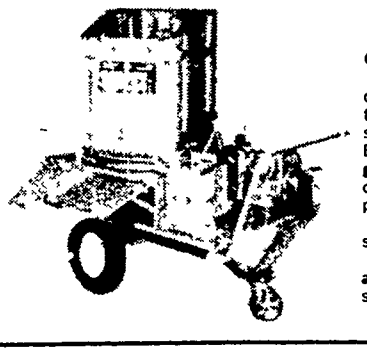
No Competitor Can Beat The Wic Choppers For Performance And Cost



ELECTRIC BEDDING CHOPPER

Wic also makes an electric 200 volt a c chopper or a 24 volt d c battery operated chopper including an automatic charger These two models are equipped in the factory with a manual starter panel and are protected by fuses to diminish risk of accidents

Very quiet these bedding choppers are mostly used on small or medium sized farm As well as being mobile the 220 volt a c model can be installed stationary Motor 220 volt a c 3 h p 24 volt d c 21/2 h p

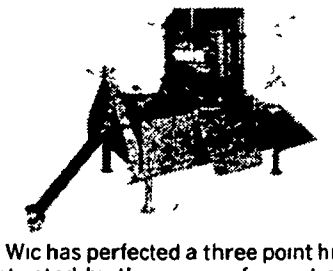


GAS BEDDING CHOPPER

The gas powered bedding chopper is the most popular on the market It s operation is simple and it handles easily Equipped with a Honda 4 stroke gas engine the Wic bedding chopper insures maximum out put while in use

Motor 5 7 or 10 h p 4 stroke Honda

Starter 5 h p manual and 7 and 10 h p manual or electric start



POWER TAKE OFF BEDDING CHOPPER

Wic has perfected a three point hitch PTO chopper activated by the power of your tractor Easy to install, it is ideal for free stalls, or in strawberry fields for mulching purposes

PAUL HORNING

R.D. 1, Stevens, PA 17578 215-267-7208

— DISTRIBUTORS —

JOHN R. NYSTRAND, JR.

R.D. 2, Sugar Run, PA 717-746-1951

Biological fly control questionable for manure-breeding flies

NEWARK, Dela. — Biological fly control using parasitic insects has been the object of much attention recently. The process involves the use of predators and parasites to provide safer, cheaper, and possibly more effective control of pest flies.

Dale F. Bray, Extension urban entomologist at the University of Delaware, says biological control is a very promising concept for the future, but it has not provided adequate control of filth-breeding flies to date.

There are several species of parasites used in biological control of common manure-breeding flies. These species have been reproduced in laboratories in sufficient quantities to control flies in areas where man has artificially congregated domestic animals.

Biological control of flies may someday be commonly used in dairies, stables, feedlots, poultry, swine, mushroom houses, kennels, and other places where decaying organic matter attracts flies.

A major benefit of a biological fly control program is it can greatly reduce the need for chemical sprays. In fact, when using parasites or predators, pesticide use must be greatly reduced in areas where poison residues could come in contact with these beneficial insects.

In February, 1981, experts from across the country met in Florida to discuss biological fly control. According to Bray, who attended the meeting, the experts summarized their feelings on the subject by saying, "Release or mass release of the present parasites have not given very impressive control to date."

Keep this expert opinion in mind when you are reading impressive ads by companies which produce fly parasites and predators, he recommends.

Bray also suggests you remember these problems others have run into when using them:

—failure by some suppliers to deliver parasites on time;

—delivery of unparasitized pupae, which adds to rather than helps solve the problem;

—containers are not marked for speedy handling by the post office—as a result, many parasites die before reaching their destination; and

—shipment of the wrong species by the suppliers.

If any of these things happen, your fly-control program could be a failure. Parasites that arrive after the fly populations are high, pupae that are unparasitized, parasites that are dead, or species that cannot survive in the climate of your area all add up to wasted time and money.

Frequent shipments of parasites are required throughout the fly season. As an added precaution, Bray recommends the use of other controls to reduce existing flies.

Sprays and baits, as well as sodium borate in the cracks and crevices of manure pits are measures that can help reduce existing fly populations. He also suggests spot treatment with short-lived pesticides for larval control. Long-lived chemicals are out of the question, since they cause more problems than they solve.

Manure should be kept dry or spread, since flies prefer above 30 percent moisture.

Grange hears wood energy talk

OAKRYN — Fulton Grange No. 66 met Monday at the Grange Hall and heard a report on a successful trip to Tangier Island, 12 miles off the Virginia coast last weekend.

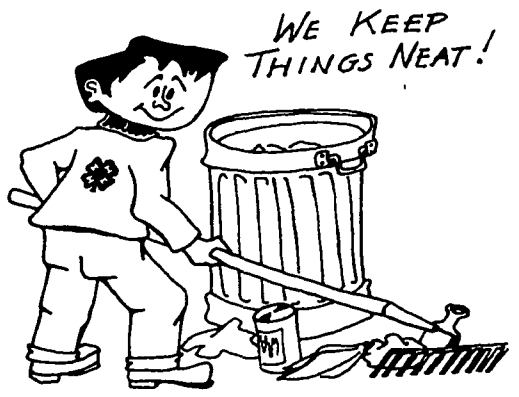
The lecturer, Mrs. Jesse Wood, presented the annual memorial program, which opened with the group singing "In The Garden." The chaplain, Mrs. William Taylor, read a poem "The End Of The Road Is But A Bend In The Road." The lecturer asked that the following decedents for the past year be remembered — Miss Rebecca Kirk, Mrs. Edith Lamborn, Lawrence Moore, Mrs. Adaline Edwards, Mrs. Susan Fite and Gyles Brown. Mrs. Wood offered prayer, concluding with the Lord's Prayer in unison. Miss Peggy Galbreath, accompanied by Mrs. Charles McSparran, sang "Abide With Me."

Clifford Holloway Jr. introduced Morton S. Fry of Miles W. Fry & Sons, Inc., R3 Ephrata, who have pioneered in the hybrid poplar business. The Frys have recently formed the Wood Power Energy Corporation (Woodpec) with expertise to advise people in establishing and harvesting large energy plantations and furnishing technical assistance in building and bringing alcohol and wood gasification systems into operation. They have developed a wood-burning vehicle that is capable of running on the highways.

Speaking on Energy, Frey centered his talk on alcohol, gasification and direct combustion. He made predictions that by 1984 we will be on a 10 per cent alcohol fuel for transportation in this country and by 1986 on 20 per cent alcohol in gasohol. By 1990, he said, this nation will be on a 100 per cent alcohol fuel ration and by 1995 we will become a fuel exporting nation. He further predicted that by the year 2000 the American farmer will be furnishing the food and the fuel and the answer is wood.

The Frys are presently developing a 70-kilowatt generator with a fixed gasifier which will furnish electricity for their three houses, barn and large greenhouses, and hope to have it operational by July 1.

Fulton Grange will observe Dairy Month on June 8 by making about 70 quarts of home-made ice cream, which will be served with strawberries. The agriculture committee will be in charge of the program. Richard Norton, Director of Promotion for United Dairy Industry Association, Towson, Md., will be the speaker and show films and slides. He will also provide promotional material that will be geared to the housewife.



WISE'S COUNTRY AUCTION
at the White Oak
SATURDAY EVE., MAY 30
6:30 P.M.
Located 4 miles south of Strasburg, PA
at the White Oak Camp Ground.
EXTRA WEDNESDAY NIGHT SALE - JUNE 3
7:00 P M Super Fresh Groceries
Terms By, GEORGE H. WISE, JR.
Elvin Siegrist, Auctioneer
NOW ACCEPTING CONSIGNMENTS
We Offer Pick-up Service
717-687-7018 if no answer 786-4289

PUBLIC AUCTION
of surplus inventory at Naugle Lumber Yard. Harter Ave., Nescopeck, PA. Luzerne Co. off Interstate 80 exit 38 (Conyngham) North on Route 93 approx. 7 mi. to town of Nescopeck, watch for auction arrows.
SAT., JUNE 6, 1981
10 AM Sharp, Rain or Shine
Partial Listing — large volume of items mostly new, few used, of valuable building material, roofing, paneling, several oil furnaces can be seen working, hardware, 14' De Vilbis metal spray paint booth complete with exhaust system, paint tanks; Binks spray guns; regulators etc; Very good condition, can be taken down in sections. Several Modine heaters of assort. sizes approx. 40 squares of 300 GAF fire guard shingles. Lot of 2'x8' Foamular Polystyrene insulation, lot of new paneling, pre finished doors, some new kitchen cabinets, electric imitation fire places $300 to $500 retail value, many other items too numerous to mention.
Terms- Cash
Seller,
NAUGLE LUMBER YARD
Auctioneers-
Albert Broyan, Dennis Briggs
Nescopeck, PA.
717-379-3286

Real Estate Auction of Large Farm
To settle the estate of John G. Brosnan, Ulster Twp., Bradford Co., off Rt. 6 at Saco Road to Brosnan Rd.
FRIDAY, JUNE 12
6 p.m.
171 acres ±, 90 acres ± tillable, 46 acre ± pasture, 35 acres ±, natural woods with large amount red oak, ash, pine, red pine and red maple that doesn't appear to have been timbered.
Buildings - Early Colonial home with 11 rooms, contains approx. 2867 sq. ft., new 2 car garage, stone building 11x13', workshop 17x20', approx. 3500' ± road frontage. This farm has been in the family since about 1835.
Terms - $10,000 down at conclusion of bidding. Balance on delivery of deed within 45 days. Any other terms or conditions announced day of sale.
Open House - Sun., May 31 2-4 p.m., Sun., June 7 - 2-4 p.m. or by appointment with Jerry Burke, Auctioneer.
Executor
CITIZEN'S & NORTHERN BANK &
William Davis, Attorney
Auctioneer-
Jerry Burke
717-833-5913

MORE MILK MORE PROFIT.
Effect of Protamone on a Cow's Lactation
• Profit up to $1 per day per cow
• 5-7 lb. increases per cow per day in various university tests
• Lets cows perform up to genetic potential
FREE BOOKLET
Learn how you can increase your milk production and improve profits. Send for our free 12-page booklet. Simply tear out this ad, write your name and address in the margin and mail to Agri-Tech, Inc., 4722 Broadway, K.C., Mo. 64112, or contact:
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P.O. BOX 575 - MANCHESTER, PA 71345
TOLL FREE IN PA. 800-632-1831
TOLL FREE OUTSIDE PA
800-233-1956
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THYROACTIVE IODINATED CASEIN
FOR A FREE BOOKLET WRITE TO:
Agri-Tech, Inc.
4722 Broadway Kansas City, Missouri 64112

NEED MORE ROOM? Read The Classified Real Estate Ads

Sale Reports

A public auction of an 18 acre farmette was held May 22 by the Raymond D. Martin Estate, along Route 441, between Marietta and Bainbridge.

The 18 acres with a 2½ story modern Williamsburg Colonial house, frame bank barn with office and a large corn barn was sold for $128,000 to Lancaster Leaf Tobacco Company.

Auction conducted by J. Omar Landis Auction Service, Jay M. Witman.

xxx

A large 2 day public auction of antiques and collectibles was held May 23 and May 25 in North Lebanon Twp., between Lebanon and Myerstown, by Franklin C. Strack.

Some of the outstanding prices were: Quilts up to $1650, Cowden jugs and crocks $75 to $390 each, china clock $200, china bath sets up to $750, 6 pcs. Bennington Ware $310, Sets of depression glass up to $780, hanging 2-globe kerosene lamp $110, homemade rag carpet $80 a length, and cobbler hammer $180.

Auctioneers were Weid and Buffenmyer

xxx

A public sale of farm machinery was held May 19 for the John H. Histand Estate at the Robert Histand farm between Doylestown and Newtown.

Some prices included: J.D. 4400 D combine $21,300, grain drill $1950, Int. diesel 806 & 756 tractors $6800 & $6600, Olive 77 tractor w/front end loader $1325, chisel plow $1725, sprayer $900, 315 Dunham Lehr cultimulcher $1825, 5-bottom plow $1100, bush hog 72-2 $475 and transport disc $2500.

Auctioneers was Henry K. Freed & Sons.

xxx

A public sale of antiques and blacksmith tools was held May 23 by Noah H. Martin, along Route 23 at the east end of Churchtown, Lanc. Co., Pa.

Items sold included: pony cart $475, set of sleigh bells $195, 30 gal. copper kettle $190, blacksmith tool $300, rocking chair $100, wooden plane $200, brass measuring wheel $210 and three 1-horse sleighs $300 to $500 each.

Elton & Alvin Horning Auctioneers.

xxx

A construction equipment auction was held May 23 by R.T. Griffis & Sons, Inc. Beech St., Montrose.

Some prices included: J.D. 450B loader $10,600, tag-master equipment trailer $3900, Cat 955K loader $16,500, J.D. 500C backhoe $14,000, Ford major backhoe $3550, 1 ton Chev. dump truck $1450, Brockway tractor $950, Galion grader $4150 and camping trailer $850.

Auctioneers were Jim Adriance & Sons and Harvey Clary.

xxx

A two day public auction of antiques was held May 22 and May 23 by Mr. and Mrs. Clifford R. Kyler, 3 miles south of Roaring Spring. People attended from as far away as Virginia.

Items sold were: Tiffany-type lamp $675, 2 hanging lamps $160 & $210, small copper kettle $61, 2 small school bells $50 & $65, dry sink $125 and corner cupboard $250.

The 8 acre property with a 2 story house with 6 rooms, a cottage with 4 rooms, garage and work shop was sold for $43,500.

Auctioneers were Roy E. Gates and John J. Dilling.

xxx

An auction of real estate and personal items was held May 23 by Robert D. Hess, 7 miles northwest of Liverpool, Juniata Co., Pa.

The 60 acre farm with a 2 bedroom dwelling and small bank barn was sold to a neighbor for $47,000.

Other items sold included a J.D. model LA tractor for $800 and an early kitchen coal & wood range for $180.

Mervin W. Adams, Sale Serv. & Hess and Moyer were the auctioneers.

xxx

A public auction of real estate was held May 23 by Glen W. Snyder and Susan Snyder, 1½ miles northeast of Klingerstown, Northumberland Co.

The 64 acre farm with an 8 room dwelling and a small stream was sold for $79,000 by a local farmer.

George & Mike Deibert were the auctioneers.

xxx

A public sale of feeder cattle was held May 22 by Lewis R. Fink, 269 Stone House Road, Carlisle.

The beef type steers sold for an average of $500 per head with the Holstein heifers bringing from $200 to $1035 each.

Auctioneer was Robert C. Mullendore.

xxx

A public sale of real estate and antiques and guns was held May 23 by the George F. Koch Estate, along Huntzinger Rd., South Heidelberg Twp., Berks Co.

The 6.5 acres contained a farm house, frame barn with garages and was sold for $57,800 to Joseph Poloka, West Chester.

Other items sold were: M.B. Young wooden shaking fork $92.50, Trutone sax $215, jug with blue markings $145, 1922 Buick touring car $10,600, 1973 Dodge Dart $2050, Int. Harvester Farmall A tractor $1840, large cylinder Edison phonograph $2,200, Schultz music box $1500, 5 pc. marble top bedroom suite $875, Winchester 12 gauge pump gun $485, 10 gauge double hammer shotgun $275, Real Twist 12 gauge double barrel shotgun $210 and Octogon school house clock $260

Auctioneers were T. Glenn Horse & Timothy G. Horst.

xxx

A public sale of real estate was held May 23 for the Ethel Mae Love Estate, at Sedan in Delaware Twp., Northumberland Co.

The 105 acres of land with a 7 room farm house and concrete block barn was sold for $100,000.

George H. Deitrick was the auctioneer.

SPECIAL HEIFER SALE

TUESDAY, JUNE 16
7 P.M.
Located at Green Dragon Livestock Sales, 1 mile north of Ephrata, Pa.
200-300 HEIFERS

Consisting of groups of all ages. Open, bred, & springing. Some Purebred & vaccinated. Consigned by local farmers plus one load of outstanding heifers from Bob Kennedy & other regular shippers. Health charts furnished.

All consignors welcome!

WALTER H. RISSER,
PROPRIETOR
717-733-2444 office
717-838-4318 home

PUBLIC SALE
OF ANTIQUES AND OTHER PERSONAL PROPERTY
SATURDAY, JUNE 6
Along Ridge Road leading from Denver to Fritztozn about ¼ mile East of Route 897 at Reinholds, Lanc. Co., Pa.

Antique drill press; antique meat grinder and lard press; molding cutter; spoke shaver; wooden pulleys; engine oiler; old hudder holders; wooden express wagons; lot of wooden boxes - some with old advertising; True Temper store tool rack; pitcher pumps. GRUBER WAGON set of tool H.H. STRICKER AXE; SEIDEL AXE; WM. WANN axe; STOHLER post hole axe; M.B. YOUNG wooden rake; drawing knife; hay knife; saddle and harness hooks; cider press; apple grinder; brass quoits; shelf brackets; show case; rams horn hinges; other hinges; wagon wheel traveler; tulip and other thumb latches; Indian door complete; with hinges; mortising chisels; ice scales; butcher spoons half bu. coal sieve; decorated wooden pegged box; old advertising items; large and small brass whistles; game pictures; grinding wheel; grindstone; drill press; shoe lasts; old German and other old locks and keys; 1804 flax comb; old counting box; wooden cigar box; wash board; veg. sink; veg. and other scales; thumb scales; meat hooks; advertising thermometers, Ford oil cans; anvil hurdies; old irons and handles; 1837 drawing knive; pocket knife collection, some signed; blanket chest with old hinges; dove tailed tool chest; Hossier kitchen cabinet; old chest of drawers; nursing rocker; Singer treadle sewing machine; wooden cupboard; clothes trees; copper wash boiler; floor lamps; old light shades; lanterns; coal bucket; porch benches; pitcher and bowls; doll bed; butter press; glass butter churn; 2 ERNIE BECHTEL PAINTINGS; clothes drying rack; A. AND B. lard can; harmonicas; lot of kerosene lights, one with reverse - painted shade; pewter dish; and spoons; bleeding knife; single cigar mold; tree surgeon knife; old hand carved items; walnut box; candle mold; automobile items; gold and other watches; rosettes; hunting knife; old bill holder; brass lined rules; dated pint jar; blue agate tea - kettle; spatter pea fowl and other sparrer plates not perfect; 8 day oak shelf clock, other clock cases and parts; wash stand; camel back trunk; oak dresser; buffett; carpet rocker; picture frames; library table; table model victrola; lot 1908 to 1911 Recruit Baseball cards; IVER JOHNSON single barrel shotgun; REMMINGTON 20 gauge model 17 pump gun; other guns; and many other small items will be selling some in box lots. Come early and stay late you may just find here what you are looking for.

SALE AT 9:30 A.M. LUNCH STAND.

SALE ORDERED BY:
MAHLON KEITH
H.H. Leid Auction Service
Leid, Fry and Pennabecker Auctioneers
Fry and Sensenig, Clerks

CONSIGNMENT AUCTION
MONDAY, JUNE 8, 1981
9:30 A.M.
★ Usual Run of Tractors, Machinery and Construction
★ Hay Tools are In Season

WE ACCEPT CONSIGNMENTS ANYTIME

Tractors sell at approximately 2:30 followed by construction

WENGER'S FARM MACHINERY, INC.
S. Race Street, Myerstown, PA 17067
717-866-2135

PUBLIC SALE
MACHINERY, SPORTING GOODS, HOUSEHOLD, SOME ANTIQUES
SATURDAY, JUNE 6, 1981
at 9:30 A.M.
Located 7 miles North of Philipsburg, Pa., on Route 53, or 2 miles South of Route 80-Kylertown exit, behind the Allport Cemetery and Whispering Pines.

FARM MACHINERY & SPORTING GOODS

J.D. 520 tractor w/power steering and 3 pt., J.D. cultivators, J.D. no. 45 front end loader, N.I. no. 7 corn picker, Woods Bros. corn picker, J.D. no. 12-A combine PTO w/new canvas, flat bed wagon w/low sides, 6½ ft. snow plow for I.H. scout, Ford 6 ft. tractor snow plow, J.D. 3 bottom 3 pt. plow, J.D. 17 disk grain drill, J.D. ft. mower, J.D. no. 32 hay conditioner, J.D. 14-T baler, N.H. no. 56 rola bar rake, 24 ft. elevator, Mighty Midget 6 in. x 12 ft. grain auger, 2 hole corn sheller w/bagger, Sears 4 ft. lawn fertilizer drill, spike tooth harrow, walking plow, I.H. 3 pt. corn planter, Surge milker and pump, pony cart, pony harness, some work harness, 2 saddles, horse shoeing tools, Craftsman table saw, Craftsman 230 AMP welder like new, hand saws, scythe, potato grader, treadle grindstone, some misc. farm items.

Skamper pop up camper, 8 ft. pickup camper, Sears 16 ft. flat bottom aluminum boat, 14 ft. wood 15 H.P. capacity boat w/dual axle trailer, 2 boat anchors, 4 H.P.-O.B. motor, electric O.B. motor, new auto roof rack, set of walkie talkies, Coleman heater, 12 volt fan, 6-12 volt battery charger, boat battery box, flying typing set, reloading equipment and some int. and ext. doors.

SOME HOUSEHOLD, FURNITURE & SOME ANTIQUES

SALE WILL START W/HOUSEHOLD ITEMS.
Terms - CASH Lunch by the Centre Hill Grange

MRS. DAVID (LUCY) HOLLABAUGH
Allport, Pa.
Mark Glick - Auctioneer
Reedsville, Pa.

PUBLIC AUCTION
OF KITCHEN-CAFETERIA EQUIPMENT, DESKS, CHAIRS, DUMP TRUCK, SCHOOL BUSES & SURPLUS ITEMS
SAT., JUNE 13, 1981
Located at the Exeter Twp. Bus Garage along Shellbourne Rd., ¼ mi. south off Rt. 562 (Jacksonwald), or 2 mi. north off Rt. 422, just east of Reading Country Club, Exeter Twp., Berks Co.

Stainless Steel Counters-Tables: 11' triple bowl counter, 20"x6' 4 spigot counter, 70" counter top, 6'x30", 70"x60" & 11' U shaped work tables; 2'x8' splash board, 2'x3' drain table, 13'x6' exhaust canopy, 2-16' steam serving line tables, above SS has rounded corners, NSF approved.

2 Victory SS double dr upright freezers; Hobart S301 & Triumph food mixers; Hubbert 40 gal. SS steamer; Toledo elec. vegetable peeler; Hobart 1½ HP garbage disposal; Hobart & Toledo dishwasher; Steamcraft steamer; HotPoint & GE elec stoves & ovens; Carrier compressor (new); shop wash fountain; sinks; folding cafeteria tables and cafeteria related items.

Electrical service board w/150 amp; 1 & 3 phase switches; 5 HP 3 phase motors w/pumps; window frames; 2 25" exhaust fans; ceiling space heaters; pipes; scrap iron, copper & stainless steel. Above equip. was removed last yr. because of cafeteria-class-lab rooms new addition.

8' oak conference table; 6' oak kneehole desks-all sizes; 160 oak chairs; 65 metal frame arm desk chairs; 30 w/formica tops; folding chairs; lab tables- some slate top & cabinets; 30 drafting desks; 200 metal leg chairs; 11 8' folding benches; typewriters; bulletin boards; fluorescent lights.

1969 GMC 4 spd V6-60 pass Superior bus; 1974 Chev 30-AT-V8 20 pass Wayne Mini bus; Gravley Model L tractor w/snow blade & sulky.

SOLD FOR
EXETER TOWNSHIP SCHOOL DISTRICT

1970 C50 Chev. dump truck w/292 engine- 5 spd w/2 spd rear axle; 1977 Ford LTD w/460 engine-old police car; 1978 Plymouth w/440 engine for parts; Farco 25' transport 12" belt conveyor w/engine; JD EO62 rear mtd rototiller-fits JD lawn & garden tractor; Lawn Boy mower; 3m-209 copier; 14.00x24 grader tires; 11.00x24.5 tire & bud wheel.

SOLD FOR
EXETER TOWNSHIP BOARD OF SUPERVISORS

Sale at 10:00 A.M.
Vehicles at 1:00 P.M.
Terms: Cash or Pa. Check.

FREY AUCTIONEERS
JOHN D & GEORGE D
Yellow House

Refreshments on premises.

Public Sales Register

Closing Date - Monday, 5:00 P M. of each week's publication

MAY

MAY 30 - 10 A M
c Sale of Household
ls, 15 Guns including
er 10 ga double,
y Fox 12 ga double,
. Sterlingworth 12 ga
ble & 2 Winchester
p model 12 20 Anti-
gas engines, 1919
tractor, 40 Antique
iron seats Located 1
North of Bird in-
d, Pa on Gibbons Rd
by Aaron P Miller
ioneers Steve Peter-
m & Paul Z Martin

MAY 30 - 10 00 A M
lic Sale of Farmette,
m Equipment,
sehold Goods, Anti-
s, Collectibles
ated in the Village of
man, Mahantongo
ley, Schuylkill Co , PA
iles north of Hegins, 9
s south of Shamokin
Grant Herring Owner
orge and Mike Deibert
tioneers

MAY 30 - 10 00 A M
Public Sale of Personal Property and Coins. Located 1½ miles east of Hahnstown along Hahnstown Road Paul Z Shirk, Owner Paul W Horst and Leroy S Horst, Auctioneers

SAT MAY 30 - 9 00 A M
Public Sale of Blacksmith Tools, Antiques and Wagons, (2 seat surry with fringe on top, excellent condition, 2 Conestoga covered wagons) Located from Lancaster take Rt 272 to Rt 222 to Rt 1, turn north, 5 miles to Red Pump Rd to Freemont Rd or from Oxford take Rt 1 south to MD line, go 2 mi turn north on Red Pump Rd Terms by Helen Swack Estate of John A Swack deceased Lloyd H Kreider, Randal V Kline and Gary L Shirk Auctioneers

SAT MAY 30 - 9 00 A M
Public Sale of Real Estate, Antiques and Collectibles Furniture and Household Located 2 miles south of Bloomsburg Rt 42 in the Village of Rupert, corner of Rupert Dr and Hunter Street, I-80 Exit 34 to Rt 42 George Frees Owner Hock's Auction Service

SAT MAY 30 11 00 A M
Public Sale of 25 acre farm and Personal Property, Located at Rd 2, Mohnton, from New Holland Rd , take Church Rd to Reed Rd , turn left, go 1 block to Hunter Rd , turn left to property Allen Witmer Estate Elton and Alvin Horning Auctioneers

SAT. MAY 30 - 11 A M
Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT MAY 30 - 9 00 A M
Public Sale of Furniture, Antiques, Quilts, Glasware and China Located at light in Parkerford on Rt 724 turn south onto Bethel Church Rd to sale site In East Coventry Twp , Chester Co , PA Sale for Lottie M Becker Nelson C Weidenbaugh Auctioneer

SAT. MAY 30 10 00 A M
Public Sale or Robert L Clauser Sr Estate Real Estate and Personal Property, Located on the premises in Kleinfeltersville along the road to Milbach, Lebanon Co G Harvey Weik Auctioneer.

SAT MAY 30 - 2 00 P M
Public Sale of Real Estate, Located in Lower Mahanoy Twp , Northumberland Co , approx 3 miles west of Pillow, off Rt 225,long Malta Rd , approx 40 miles north of Harrisburg, 20 miles south of Sunbury Estate of William L Deppen Mervin W Adams Auctioneer

SAT MAY 30 - 12 00 P M
Public Sale of Machinery Located 1½ mile east of Seven Stars, 6 miles northwest of Liverpool, just off Rt 235 George A. Strawser Owner Long Bros Auctioneers

SAT MAY 30 - 10 00 A M
Public Sale of Antiques, House Furnishings Located in the borough at 521 Chestnut St , Mt Holly Springs, PA Sale by Elizabeth Gitt Clair Slaybaugh Auctioneer

PUBLIC AUCTION

REAL ESTATE, VEHICLES, TOOLS, BUILDING MATERIALS, AND HOUSEHOLD GOODS

SATURDAY, JUNE 20

10 A.M. Sharp

Located at the corner of 4 Pines Rd. & Friendly Dr. Approx. 10 miles South of Lancaster on Rt. 272, go through the Buck intersection and turn left on 4 Pines Rd. Or approx. 4 miles West of Quarryville on 372, turn left on Friendly Dr. just before the Buck intersection. Watch for sale signs.

STONE FRONT SOUTHERN COLONIAL STYLE BI-LEVEL

On approx. ⅔ acre lot. Maintenance free house recently built. Consists of kitchen with nice cabinets, dining room with sliding glass doors going out to a large wood deck, living room with a lovely bay window, 3 bedrooms, 1 full and 2 half baths, family room, laundry, extra room for bedroom or office, 1 car garage. Thermal pane windows with total electric throughout. Chimney with flue for your use. Well and septic system. Very nice landscaped lawn with a garden.

AUCT. NOTE: Don't miss this attractive rural yet convenient setting zoned for a resident office. **TERMS — 10% down day of sale, balance at settlement. INSPECTION dates June 6 & 13, 1 p.m. to 4 p.m.**

REAL ESTATE WILL BE SOLD AT 2 P.M.

Watch for complete ad next week.

Sale By,
David Minder
WOODEN PEG CONTRACTING

Sale Conducted by
Gary L. Shirk, Auct., 786-4066
Lloyd H. Kreider

—Refreshments Available—

PUBLIC SALE

2-PARCELS OF VALUABLE REAL ESTATE

FRIDAY EVENING, JUNE 19

7:00 P.M.

Location: Just 2 miles south of Lancaster, PA, along the New Danville Pike (Rt. 324) in Lancaster Twp., formerly known as the Cherry Hill Orchard Farm #1.

Part I consists of 1.2 Acres including a well built 2½ story brick, 7 room, 4 bedroom home, 1½ baths, center hallway. 1790 Square feet of living area, front porch, 2-car garage, shrubbery, barn size 80' x 28' plus a 30' x 36' addition; has 1800 square ft. refrigeration fruit storage room, nice sales room, etc. Buildings in good state of repair; slate roofs; macadam around buildings, well of water, septic system. Property offers country living at its best.

Part II consists of 15 acres, 3 acres fronting along Conestoga Creek, remainder in orchard including approx. 1,500 fruit trees of which 80% are cherry; the remainder are plum, apple and pear. This tract has a well and a 3,500 gal. water tower included. There is an additional 9 acres of orchard for lease.

Having been subdivided into 8 lots, this property has many possibilities.

For inspection: On June 6th and June 13th. Phone 464-2233 or 299-5032.

Broker participants invited by contacting the auctioneer prior to sale day. 10% down payment day of sale, balance at settlement on or before Aug. 20, 1981.

Terms by
FRANCIS G. AND CLAUDIA H. MARTIN

Aucts. Carl and John Diller
(717) 464-2233

EVENING AUCTION

Of 3.8 acre Berks Co. Farmette and 1.7 acre parcel with Mobile Home and Pond situate in the Oley Valley.

ON TUESDAY EVENING, JUNE 2, 1981

Conveniently located 15 min. from Reading, 15 min. from Pottstown, 7 min. from Boyertown, 40 min. from Allentown. Located along Manatawney Rd., off Covered Bridge Rd. via Fisher Mill Rd; from Pleasantville (Rt. 73) turn south onto Covered Bridge Rd. or from Yellow House (Rts. 562 & 662), travel north to Covered Bridge Rd. Earl Twp., Berks Co.

Parcel #1· Stylish split level brick and aluminum home w/4 bdrms., modern kitchen, formal dining area overlooking recreation rm/fireplace, 1½ bath & attached 2 car garage. Oil fired hot water heat, drilled well. Home sets 350' off road w/mountain behind it, a beautiful setting on approx. 3.8 acres.

Parcel #2: 1.7 acres with skirted furnished 12x70 Burlington mobile home, pond and old log house. Small barn, fenced area including 1½ acres of woodland, garden area and other out bldgs.

For more details & brochure call Frey Auctioneers - 215-689-5269. For appointment call 215-689-5778.

Sale at 7:00 P.M.

Sold for
THOMAS & ELIZABETH McCANN

FREY AUCTIONEERS
JOHN D & GEORGE D
Yellow House

Seif and Danoff, Solicitors
Gerald Danoff, Solicitor
Painter's Mill Professional Bldg.
Owings Mill, Maryland 21117

BANKRUPTCY SALE

COMPLETE HOLSTEIN DAIRY HERD DISPERSAL

Notice: Pursuant to notice in the matter of John M. Connelly, Case 81-2-0820, in the United States Bankruptcy Court for the District of Maryland, Gerald Danoff, Trustee, intend to offer for sale at public auction at the date and time and place specified below to the highest bidder or bidders the following described property.

TUESDAY, JUNE 9, 1981

10 A.M. Sharp

240 ★ ★ HEAD ★ ★ 240

HIGH GRADE HOLSTEIN DAIRY CATTLE

Location: Sale to be held on the farm located on Connelly Road, approx. 3 mi. south of Rising Sun, Md. From U.S. 1 coming from Rising Sun, turn west on Connelly Road; go 1 mi. to farm. From Lancaster Co., Pa., traveling by Rt. 222; at the Md. State line, go ½ mi. south to Connelly Road; turn east on Connelly Road and proceed 2 mi. to farm. (Cecil Co.)

Signs will be posted.

SALE TO BE HELD RAIN OR SHINE!

This herd consists of 190 head of producing cows of which 85% are 1st, 2nd or 3rd calf cows. The best artificial sires have been used in the breeding program. Approx. 80 head are dry or ready to be turned dry. These cows will freshen in June, July, August and September. Approx. 40 cows freshened in the last 90 days; balance in full flow of milk and re-bred for average months. The herd was on D.H.I.A. test from 1977 until December, 1980. The herd average at the time was 14,117 lbs. milk and 4[illegible] lbs. fat. Test records will be available for that period. This is an outstanding young, well-uddered group of cows. All cows will be pregnancy checked; freshening dates, due dates and milk weights will be given at sale time. There are 60 head of heifers from started calves to open heifers. All cattle are certified on blood, accredited on T.B. and tested within 30 days of sale for interstate shipment.

TERMS OF SALE: PLEASE NOTE THE FOLLOWING. Payment will be made on day of sale in full either by cash, cashier's check, traveler's checks or money order. Personal or company checks will be accepted only if accompanied by a letter from the bank guaranteeing payment.

TRUSTEE: GERALD DANOFF
ABERDEEN SALES COMPANY, INC.

Sale Managers & Auctioneers
Phone: 301-734-6050 Office
734-7105 Night

Lunch will be served.
(Ebenezer Methodist Church)

PUBLIC AUCTION

SATURDAY, JUNE 6, 1981

at 9:00 A.M.

LUMBER — BUILDING MATERIAL — PAINT HARDWARE STORE LIQUIDATION

AGWAY SUPPLY CENTER

Located along Route 41 in Avondale, Pennsylvania.

LUMBER & BUILDING MATERIALS

Flintkote shingles, 230 lb. wt.; approx. 20 rolls felt roofing; pressure treated 2 x 4's - 4 x 4's - 2 x 10's - 2 x 12's - 2 x 6's - 2 x 8's - 1 x 8's - 4 x 6's, all lengths; Plywood; Presswood; 4 x 8 sheets chip board.

All kinds of moldings, pre-finished, white pine; Corrugated baked enamel 12 ft. tin sheets; sky light sheets.

FENCING MATERIAL

Rolls of welded wire 2 x 4 - 1 x 2 in. 14 ga.; No. 9 - 12 - 14 ga. single fencing wire in 100 ft. coils.

Show and storage room material: nails; bolts; shovels & brooms; plumbing and electrical supplies; bathroom vanities; double bowl stainless steel sinks; odd kitchen cabinets; assorted shutters; sump pump kits; deck kits; 1200 bu. round wire corn crib.

Many, Many items not listed.

Terms by:

AGWAY AVONDALE STORE

Auctioneers:
Steve Petersheim
215-593-2442
Everett Kreider

Auctioneers' Note: Absolute Auction of all new items!

PUBLIC SALE

SATURDAY, JUNE 6, 1981

9:30 A.M.

Paxinos R.D. 1, near Diebler's Station east of Snydertown or 8 miles east of Sunbury on Rt. 61 midway between Shamokin and Sunbury. Turn at Marie's Tavern. Watch for auction signs.

HOUSEHOLD, ANTIQUES AND COLLECTIBLES

2 Dry Sinks; Kitchen Cabinet; Dough Box; 6 Roundback Blank Bottom Chairs; Oak Chest of Drawers; Cane Seat Arm Rocker; Copper Washboiler (no lid); 3 Butter Churns; Butter Bowl and Paddle; Crocks - All Sizes Up To 15 gal.; Tin 1 lb. Peanut Butter Buckets; Victorla Phonograph; Grain Cradle; Old Auto Wheel Coaster Wagon; Depression Glass; Match Lighter Gasoline Table Lamp; Keystone Cider Press; Cherry Seeders; Bellows; 2 pc. Bedroom Suite; Stands; Foot Operated Whetstone; Numerous Items.

40" Frigidaire Electric Stove; Gibson Refrigerator; Frigidaire Refrigerator; Sylvania Console Color TV; Upholstered Chair and Rocker; Day Bed; 2 Wardrobes with Mirror and Drawers (one cedar lined); Table and Floor Lamps; Electrolux Sweeper; Comforters; Cooking Utensils; Dishes; Mixer; Blender; Norelco Sewing Machine; 9 x 12 Rug; Metal Lawn Chairs; 2 Black & Decker Hedge Trimmers; **Delta Band Saw (¼ h.p. motor); Delta 6" Jointer (½ h.p. motor); Deltz Floor Model Drill Press (4 speed).**

FARM MACHINERY & RELATED ITEMS

Farmall A Tractor with Pulley, Cultivators and Plows To Fit; McCormick No. 100 Manure Spreader (very good condition); Potato Plow; 2 Section Harrow; Spike-Tooth Harrow; 1 Row Horse Drawn Cultivator; Hay Tedder; Dump Rake; Cement Mixer with Electric Motor; 2 Wheel Trailer (small spring wagon box); One Hole Corn Sheller with Electric Motor; Belt-Drive Corn Chopper; Buck Saw; Sears Power Sprayer with Gas Motor; Cream Separater; Forks; Barb Wire; Cable; 5 ft. Step Ladder; Rolls of 1 inch Plastic Pipe; 2 Wheel Cart; 2 Rubber Tire Wheelbarrows; Vise; Electric Motors; Carpenter Tools; Garden Tools; 2 Butcher Kettles; Lard Press; Piles of Steel, Brass, Copper; Plus Many More Items.

Wards 8 h.p. Riding Mower
22" Rotary Lawn Mower

Terms: Cash

LUNCH AVAILABLE

Owner,
EVELYN M. CONRAD

Mark J. Jones, Auctioneer
R.D. 3 - Sunbury, Pa.
717-286-0052

PUBLIC SALE

Val. 59½ acre Real Estate, Household Goods, Antiques, Tools, 2 J.D.B tractors, 73 Buick Electra 4 door car, etc.
(Estate of Willis H. Hess)
4½ miles W. of Berwick, Pa. 1½ miles off Rt. 93 along Yost Hollow.

SATURDAY JULY 4, 1981
10 A.M.
Real Estate at 1 P.M.

Consists of approx. 59½ acres (40 tillable, balance woodland w/some sizeable timber) w/2½ story 8 room (3 br.), 1½ bath frame home. Lovely kitchen-dining room combined w/nice spacious birch cupboards, built-in gas range, etc. 2 adjoining trout streams through property. Never failing spring water. Property in lovely setting with lots of potential.

To view dial 717-752-5083

R.E. Terms: $5,000 down, bal. in 30 days. State & local taxes to be divided equally.

Executors:
Robert C. & Edward C. Hess

Auctioneers:
Max Fraley & Son
546-6631
Listing Later

PUBLIC AUCTION

SATURDAY, JUNE 6,
at 9:30 A.M.

1½ miles S.W. of the Village of SHELLSVILLE on new Rt. 22, East Hanover Township, Dauphin County, Pa.; 12 miles East of Harrisburg on I-81 to Exit 28 (Penn National Racetrack Exit) take Rt. 743 South to Rt. 22, turn West 1½ miles to Farm located at the Corner of New. Rt. 22, and North Crawford Road.

65 ACRES more or less

Choice ACREAGE Zoned R-A with 930 FEET ACREAGE on North CRAWFORD ROAD; 500 FEET FRONTAGE on MEADOW LANE and 400 FEET FRONTAGE on NEW RT. 22.

If you are in the market for RESIDENTIAL or AGRICULTURAL LAND, you will plan now to inspect this property!

FOR INSPECTION CALL: (717) 365-3241 or (717) 469-2814.

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 1:00 P.M.

HOUSEHOLD FURNISHINGS

Philco 40" Electric Range; Dinette Table; RCA Console Color TV; Philco Portable Color TV; AIR CONDITIONER, like new; 2-Pc. Living Room Suite; Vacuum Cleaner; (2) 5-Pc. Waterfall Bedroom Suites; Wringer Washer; Automatic Washer; Utility Cabinets; Baskets; Dishes; Cooking Utensils; Canning Jars; Garden Tools; etc.

ANTIQUES & COLLECTIBLES

Estate Kitchen Coal Range; Coal Room Heatrola; Plank Bottom Chairs; Set Pressed Back Oak Chairs; Oak Sideboard Ornate w/Mirror; Oak Rocker; Kitchen Cabinet w/Flour Bin; Dovetailed Blanket Chest; Washstand; Walnut Chest of Drawers; Oak Dressers some w/Brass Hardware; Oak Bed; Weight Driven Clock; Wicker Rocker; Pressed Back Highchair; Iron Crib; (2) Victrolas; VOLTA & MURAD BATTERY RADIOS one w/Horn; Old Radio Tubes & Earphones; Lantern; Meat Bench; Cow Bell; Wooden Plane; Wooden Pulleys; Picture Frames; Bracket Lights & Reflectors; Lot Crocks; Jugs, Jars & Milk Bottles; Balance Scale; Singer Treadle Sewing Machine; Wooden Wine Press; several Washbowl Pitchers; Copper Teakettle; Dovetailed Woodbox; Tin Toys including: Wind-up Train; Pressed & Pattern Glass Dishes; etc.

FARM EQUIPMENT & TOOLS

Super C Tractor w/Fast Hitch & Cultivator; Int. model 200 Manure Spreader; Side Delivery Rake; Harrow; Disk; 2-Bottom Fast-Hitch Plow; Ontario 10-Disk Grain Drill; Bull's Eye Corn Planter; Dump Rake; Plow Shears for Oliver Horse Plow; Cross Cut Saw; Buck Saw; Meat Grinder w/⅓ h.p. Motor; Truck Jack; Cast Iron Trough; Tarp; Locust Posts; Scythe; Chains; Shovels; Forks; some Scrap Iron; etc.
1973 FORD PICKUP TRUCK; 1949 Studebaker Flat Bed Truck, needs repair.

Farm Equipment & Tools will be sold first! Lunch Available.

Owner,
VERNA SHIRK

William Saye, Attorney

DEIBERT
George & Mike
Auctioneers & Realtor
(717) 425-3313

Public Sales Register

Closing Date - Monday, 5 00 P M. of each week's publication

SAT MAY 30 - 10 A M Annual Grade Heifer Sale at the New Holland Sales Stables, Inc, New Holland, Pa

SAT MAY 30 - 10.00 A.M Public Sale of Household Goods, Etc Located Avenue D & 9th Streets, Riverside, Danville, off Sunbury Rd. follow signs Dr. & Mrs Klinger Owners John Autotorere and John Jr Auctioneers

SAT MAY 30 - 10 30 A M Keller's Public Auction of Farm Machinery, Household Goods located along Elm Road, midway between Manheim and Lititz, PA Sale by Harold H. and Lois R Keller, Auction Conducted by the J Omar Landis Auction Service, Jay M Witman, Auctioneer

SAT MAY 30 Public Sale of Collectors Cars, Antiques and Farm Machinery, Located at 2309 Warfield Dr, ½ mile west of Forest Hill via Jarrettsville Rd (old MD Rt 23) 10 miles north of I-95 via Bel Air Exit #4 and MD Rt 24, 19 miles southeast of I-83 via the Bel Air Exit 36 at MD line Rt 439 and MD Rt 23 Warren D Wolbert Owner John H O'Neill and K C Travers Auctioneers

SAT MAY 30 - 10 00 A.M Public Sale of Antiques, Household, Collectibles, Tools Located on Rt 220 halfway between Dushore and New Albany, PA Harry Sharp Estate Warren Fiester Auctioneer

JUNE

MON JUNE 1, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

TUES JUNE 2 - 7 00 P M Public Sale of Real Estate, located 15 minutes from Reading, 15 min. from Pottstown, 7 min from Boyertown, 40 min from Allentown Along Manatawney Rd, off Covered Bridge Rd, via Fisher Mill Rd, from Pleasantville Rt 73 turn south onto Covered Bridge Rd or from Yellow House (Rt 562 & 662) travel north to Covered Bridge Rd, Earl Twp Berks Co, PA Thomas & Elizabeth McCann Owner Frey Auctioneers

TUES JUNE 2 - 7 00 P M Public Sale of Registered and Grade Holsteins Held at Rudnick's Sale barn, Galena, MD

WED JUNE 3 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F. Snyder, R Martin, C Wolgemuth, J Fry and L. Horst, Auctioneer.

WED. JUNE 3 - 9.30 A.M Public Sale of Truck Tractors, Alum Dump Trailers, Bulk Feed Trailer, Bean Trailers, Shop Equipment and Real Estate Located in Elmer, NJ (West of Vineland) Strang's on Center St in Elmer, NJ Just west of Vineland on Rt 40 Vilsmier' Auction Co Inc

THURS JUNE 4 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS. JUNE 4 - 10 A M - Annual Summer Auction of Used and New Farm Equipment and Lawn & Garden Equipment by Ag-Industrial Equipment Co, Inc, 1207 Telegraph Road (Route 273) Rising Sun, Md Blaine Rentzel, Auctioneer

FRI JUNE 5 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JUNE 5 - 12 30 P M Public Sale of Real Estate, Butcher Equipment, Guns, Farm Machinery, Misc, Household Goods, Pony Supplies and Antiques Located in Cumberland Co, 4 miles northwest of Carlisle Watch for sale signs along Rt 74 near the creek bridge James Miller and Ronald Hoover Owners Dean Shull Auctioneer

FRI EVE JUNE 5 - 6 P M Public Sale of Registered Swine and Equipment, also buildings and equipment located ½ mile north of Maytown, 4½ miles south of Elizabethtown, along Pa Route 743 3½ miles north west of Route 30 from Columbia, use Route 441 exit Lancaster Co Pa. Sale for Roy and Lee Bixler, Diffenbach's, Auctioneers

SAT JUNE 6 - 1 00 P M Public Sale of Farm and Woodland Located in Central PA Juniata Co For information contact Long Bros 717-527-4458

SAT JUNE 6 - 2 00 PA's 5th Performance tested yearling ram sale PA Dept of Agriculture Meat Animal Evaluation Center, 651 Fox Hollow Rd, State College, PA 16801

SAT JUNE 6 - 9 30 A M Public Sale of Real Estate, Household Furnishing, Antiques Collectibles, Farm Equipment and Tools Located 1½ miles SW of the village of Shellsville, on new Rt 22, East Hanover Twp, Dauphin Co, PA, 12 miles east of Harrisburg on I-81 to Exit 28 (Penn National Racetrack Exit) take Rt 743 south to Rt 22, turn west 1½ miles to farm located at the corner of New Rt 22 and North Crawford Rd Verna Shirk Owner. George and Mike Deibert Auctioneers and Realtor

SAT JUNE 6 - 9 30 A.M Public Sale of Household, Antiques and Collectibles, Farm Machinery and related items Located Paxinos, Rd 1, near Diebler's Station, east of Snydertown or 8 miles east of Sunbury on Rt 61, midway between Shamokin and Sunbury Turn at Marie's Tavern, Watch for signs Evelyn M Conrad Owner. Mark J Jones Auctioneer

SAT JUNE 6 11 00 A M Public Sale of Real Estate and Personal Property, Located on road from Wakefield to Peach Bottom at Cherry Hill, Fulton Twp, Lancaster Co, PA Estate of Gyles H Brown Kersey A Bradley Auctioneer

SAT JUNE 6 - 11 00 A M Public Sale of Machinery Located at Mr & Mrs Theodore Stephani's Farm, 1 mile west of Col X Roads, PA on Besley Rd Robert Shaylor Auctioneer

SAT JUNE 6 - 10 00 A.M Public Sale of Real Estate, Household Goods, Equipment, Tools, Antiques, Pony, Horse and Pony saddles and four wheel pony buck board Located approx. 1 mile north of Orwigsburg post office on Lincoln Ave Travel north to the East Second Mountain Rd, north Manheim Twp, Schuylkill Co, PA Ordered by Mary Allison, Robert Arner Auctioneer

HARRY RUDNICK & SONS, INC.
LIVESTOCK SALES EVERY TUESDAY
GALENA, MARYLAND
PHONE: 301-648-5601
In addition to our regular sale-

TUESDAY, JUNE 2
AT 7:00 P.M.

Our MONTHLY DAIRY SALE in the Dairy Sales Barn.

FEATURING: One load of REGISTERED & GRADE HOLSTEIN Fresh Cows & Springers from the State of Virginia. Also featuring Open Heifers, Bred Heifers, and Stock Bulls.

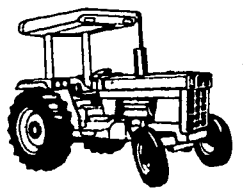
NOTE: We have an immediate demand for bred & springing heifers for early freshening for this fall's basic milk. If you have any bred or close springing heifers, please call us at our new phone number which is 301-648-5601.

JOE RUDNICK, AUCTIONEER

HARRY RUDNICK & SONS, INC.
LIVESTOCK SALES EVERY TUESDAY
GALENA, MARYLAND
Phone: 301-648-5601

Auctioneers specializing in HOLSTEIN Cows & Heifers...Farm Machinery...DAIRY SALES held the FIRST Tuesday of each month at 7:00 p.m...
Buyers and sellers of Holstein Herds and Heifers. Call daytime 301-648-5601...
ESTATE DISPERSALS & APPRAISALS

MACHINERY AUCTION



SATURDAY, JUNE 6
at 11:00 A.M.

Located: at Mr. & Mrs. Theodore Stephani's farm, 1 mi. west of Col. X Rds., Pa. on Besley Rd.

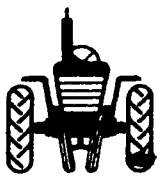
Selling: Ted Stephani's complete line of machinery (excellent condition).
2-85 White D tr. (775 hrs.); 1600 Oliver D tr. (new overhaul); 273 NH baler w/thrower; 880 Gehl mower cond.; 543 Oliver 4-row planter; BU610 Gehl forage box w/Gehl 8-T wgn.; MS180 Gehl spreader w/hyd. end gate; FB88 Gehl Hi-throw blower; 15,000 KW PTO alternator w/cart; NH Super 55 rake; 2-9 x 16 hay riggings w/running gears; 18.4 x 38 dbl. ring tr. chains; 12' Ezee Flow fert. & lime spreader; JD 12' lever set drag; ALSO Robert Myers' & consigned machinery: AC 180 D tr. w/hyd. loader; 530 JD tr w/3 pt. h; 442 AC baler; Papec forage box w/8 T wgn & flotation tires; Papec chopper; 65JD blower; 2-NH 55 rakes; 2-NH manure spreaders; NH 404 crimper; NH 7' mower; HD-8 shaver post driver; 2-21A Int. choppers; 2-sets JD plows (3btm, 4 btm); MH grain drill; Gehl blower; NI elev.; 2-r. grs.; Clay barn cleaner w/approx 250' chain; AC disc; sprayer, 2 harrows; Pittsburg 12' harrow; JD 12 x 16 hyd. harrow; Oliver 77 tr. w/front end loader; Oliver 88 tr. Case 300 tr.; new hay feeder rack on trailer; JD 8' 3 pt. blade; Gehl 610 forage box on NH gear; JD 34 chopper; Hustler 56 blower; NI 279 haybine; NI super sheller (like new); 2-NH Super 23 blowers; Lamco 3-beater forage box, roof & flotation tires; Lamco 3-beater forage box; NI manure spreader; Grove forage box on Gehl r. gr.; NH 461 haybine; Decker forage box on Case gr.; JD 480 haybine; front mower for 35 - 65 MF tr.; Oliver 62T baler; JD 145 6 x 14 plow w/hyd. side hill; Pittsburg 4 x 14 semi plow; Case 5 x 16 semi plow; Int. 540 4 x 16 semi plow; Oliver 4 x 16 semi plow; JD trailer 3 btm.; Ford 3 x16 mounted plow; Ford 9' 4" 3 pt. disc; Hesston PT10 haybine; 2000 gal. Slurry spreader (tandem axle, flotation tires - like new); NI 14A spreader; MF 165D tr.

Terms: Cash or good check day of sale.
Local bank financing available subject to approval 2 days prior to sale.
Lunch by local 4-H.

For information call:
Bob Garrison 717-297-3873
297-2991
Robert Saylor 717-297-3278

Robert M. Shaylor Sales
515 Elmira St., Troy, Pa. - 717-297-3278
Reputable Sales Service
Licensed — Bonded

PUBLIC SALE



OF LARGE FARM MACHINERY

SATURDAY, JUNE 6
at 11:00 A.M.

Located in Franklin County, Fannett Township on PA Rte. 75, 1 mile north of the village of Spring Run. If traveling the PA Turnpike, exit at #14, go north on Rte. 75 approximately 5 miles and watch for sale signs.

-John Deere, 4320 Diesel Tractor, w/4400 hrs., major overhaul at 3200 hrs., 23.1-34 tires on rear.
-John Deere 4400 Gas Combine, 13' grain head, 444 row corn head, 1200 hrs.
-John Deere 2280 Diesel S/P Hay Bine, 620 hrs.
-John Deere 7000 Conservation No-Till Planter, 1 yr. old.
-John Deere 335 Skid-Sprayer w/350 gal. tank, 44' booms, stainless steel screens and jets.
-John Deere 5460, 4 wheel drive, S/P, Harvester w/3 row corn head also has pick-up head, 590 hrs.
-3 John Deere 12 ton, Tandem axle dump wagons, w/auto. tail gates and 18 ton hoist cylinders.
-Fox Dumping Station, hyd. operated, like new.
-John Deere 66 Hopper-Blower.
-White #508 4-18" auto. reset Plows, w/hillside attachment.
-Dunham Lehr 12' CultiMulcher, like new.
-McCurdy Gravity Bin w/hyd. auger.
-10 ton Coby wagon.
-2 Flat-bed wagons w/hay racks.
-2 Grove 6 ton dump wagons w/30" solid sideboards, ensilage racks for top.
-Windrow turner for front-mount on tractor.
-New Holland 30' Elevator w/corn chute.
-Parts for 5000 Coby, self-unloading wagons, includes: beaters, nets, drags, etc.

NO small items from wagons to be sold.

Terms Cash. Prior Approval on out of state checks.

Harry and Speer, Auct.
Coons, Clerk

ROY C. McGEE
Spring Run, Pa.
(717) 349-2340

Lunch Rights Reserved
Not Responsible For Accidents

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT JUNE 6 - 9 00 A M Public Sale of Real Estate, Antiques, Collectibles, Truck, Snowmobile, Farm Machinery and Tools Located on Rt 209 between Millersburg and Elizabethville, PA near the village of Rife Edwin J Frank Estate Dockey & Dockey Auctioneers

SAT JUNE 6 - Nittany Antique Machinery Assn Annual Consignment Sale Flea Market June 6 & 7 Located at Penns Cave, Rt 192 E. Centre Hall, PA 814-237-3141

SAT. JUNE 6 - 11 00 A.M Public Sale of Large Farm Machinery, located in Franklin Co, Fannett Twp on PA Rt 75, 1 mile north of the village of Spring Run If traveling the PA turnpike, exit at #14, go north on Rt 75 approx 5 miles and watch for sale signs Roy C McGee Owner Harry and Speer Auctioneers

SAT JUNE 6 - 9 30 A M Public Sale of Antique and Personal Property Located along Ridge Rd, leading from Denver to Fritztown, about ¼ mile east of Rt 897, at Reinholds, Lancaster Co PA H H. Leid Auction Service

SAT JUNE 6 - 9 30 A.M Public Sale of Machinery, Sporting goods, Household, Some Antiques Located 7 miles north of Phillipsburg, PA on Rt 53 or 2 miles south of Rt 80 Kylertown exit, behind the Allport Cemetery and Whispering Pines, David Hollabaugh Owner Mark Glick Auctioneer

SAT JUNE 6 - 10 00 A.M. Sharp Public Sale of 61 acre farm, located - taking Rt 42 south from Catawissa for about 1 mile, go past Three Points Motel and turn on old Numidia Rd for about 2 miles (7 miles south of Bloomsburg, exit 34 on I-80 Lewis J Servos Estate Hock's Auction Service.

MON JUNE 8, - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA Melvin M Lehman, owner

TUES JUNE 8 - 9 30 A.M Consignment Sale Located at S Race St., Myerstown, Pa. 17067. Sale held by Wengers Farm Machinery, Inc

FRI JUNE 8 - 6 00 P M. Public Sale of Tools, Located at Green Hills Auction, on Rt. 568 south of Reading, Rd 1 Mohnton, PA

TUES JUNE 9 - 4 30 P.M Public Sale of Antique Cars, Parts, Located 5 miles south of Allentown, 2 miles east of Shimerville along blacktop Rd to Vera Cruz, Lehigh Co PA Leslie Nonnemacher Owner Ralph W Zettlemoyer Auction Co, Inc

TUES JUNE 9 5 30 P M Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, PA John J Rutt, Auctioneer

TUES JUNE 9 - 10 00 A M Public Sale of Holstein Dairy Cattle Held on the farm on Connelly Rd, approx 3 miles south of Rising Sun, MD From US 1 coming from Rising Sun, turn west on Connelly Rd, go 1 mile to farm From Lancaster Co, PA traveling by Rt 222, atthe MD state line go ½ mile south to Connelly Rd and proceed 2 miles to farm. Cecil Co, MD Gerald Danoff Owner, Aberdeen Sales Co Inc Managers and Auctioneers

FRI JUNE 12 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son Auctioneers

SAT JUNE 13 - Public Sale of Kitchen-Cafeteria Equipment, Desks, Chairs, School Busses and Surplus Items Located at the Exeter Twp Bus Garage along shellbourne Rd., ¼ mile south off Rt 562, (at Jacksonwald), or 2 miles north off Rt 422, just east of Reading Country Club, Exeter Twp Berks Co, PA Sale by Exeter Twp School District, Frey Auctioneers

SAT JUNE 13 - 10 A M Annual Registered Heifer Sale at New Holland Sales Stables, Inc, New Holland, Pa

SAT. JUNE 13 - 9 00 A M. Public Sale of Real Estate, Antiques and Household Goods Located at 421 North George St., borough of Millersville, Millersville, PA Verna Newcomer Estate. Howard Shaub and Roy C Probst Auctioneers

MON JUNE 15, 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman,

WED JUNE 17 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

WED JUNE 17 - 5 00 P M Public Sale of Antiques, Collectibles, Household Goods, Misc Tools and Garage Items Located at 1114 Shamokin St, Trevorton, PA Ruth Sigafoos Owner Dockey & Dockey Auctioneers

WED JUNE 17 - 11 00 A M Public Sale of Real Estate, Antiques, Household Goods, Located 36 west New St, Lancaster, PA Sale by Victor Singer Estate Howard Shaub and Roy C Probst Auctioneer

THURS JUNE 18 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

THURS JUNE 18 - Public Sale of Ford Auto & Truck Service Equipment, Rudnick & Matas Auctioneers, fordetails 302-658-7264

FRI JUNE 19 - 5 30 P M. Gap Auction Antiques and Household Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

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PUBLIC SALE

OF REAL ESTATE
(Very Nice Ranch Home)
ANTIQUES, HOUSEHOLD GOODS
SAT., JUNE 13
at 9:00
Located at 421 North George St., Borough of Millersville, Millersville, Pa.

Real Estate: Very nice stone & brick house w/6 rooms, 1½ baths & attached 1 car garage. Lot size: 72' frontage by 258' depth more or less. Property will be open for inspection Sat's., May 30 & June 6 from 1 until 3. Real Estate to be sold at 2:00.

Revco chest freezer; Whirlpool auto. washer & dryer; Telefunken radio & record player stereo in mahg. cabinet; Magnavox radio & record player in maple cabinet; Oasis & Fedders dehumidifiers; cherry 4 leg dropleaf table. Oak bow front, bow end & sq. china closets; 6 deco. plank bottom chairs. Other good furniture in mahg., oak, Empire, pine, walnut, Vict., plank, ash, cedar & uph. Oak, gilted & mahg. mirrors; table, floor & pole lights. Articles in brass, sterling, crockery, sponge spatter, copper, agate, wood, tin & iron. Jardiniere w/stand; early pressed paper doll; dome light. Fine German chocolated set. Very good glassware & china in German, pressed, pink & grn. Depression, blue, Heisey, dk. Carnival, Hover Laughlin, Bisque, orange Carnival, Hall, Japan, Noritake, cut, gold band, opalescent, mach. etched, Roseville etc. Stainless pots & pans; kitchen articles; good elec. appliances; bedding & linens; Kenmore vacuum cleaner; White elec. sewing mach. & other articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
VERNA M. NEWCOMER ESTATE
(Mrs. Walter M. Newcomer)
Auctioneer
Howard Shaub 464-3541
and Roy C. Probst

PUBLIC AUCTION

ANTIQUE CARS, PARTS
TUES., JUNE 9, 1981
at 4:30 P.M.
Five miles south of Allentown, two miles east of Shimerville along blacktop rd. to Vera Cruz, Lehigh Co. Pa.

Selling 20 antique & collector cars & parts Including: '41 Olds, '46 Chevy coupe, '48 Chevy, '48 Ford, '51 Kaiser, '56 Chrys. Imp., '56 Packard Clipper, '62 Chevy Imp. SS Conv., '69 T-Bird, '30 Chevy 1 ton trk., Model T engines, frames, radiator core, head lamps, springs, starter, gas tank, Model A Parts, (10) wheels & tires for 1933 & 1935 Ford; 1967-250cc Yamaha cycle; approx. (100) new 15" recap snow tires; Volkswagon for parts; two horse farm wagon; two horse sleigh running gear; wagon wheels; champ one row potato digger; (2) Kentucky rifles for parts; Swiss Army rifle; Iver Johnson 38 cal. & US pistol Co. .32 cal. pistols; holsters & gun related items; wooden shutters; sq. oak table; antique painted BR suite; bunk beds; peach & bu. baskets, berry crates & boxes; small sq. type vine press; trunks; milk cans; (2) three hole ice cream freezers; stone ware crocks, jugs.

NOTE: Nice ship wheel hallrack made from parts of 1800 era ships inc. Old Iron Sides. Few other household items.
Terms— Cash or check, day of auction.
Refreshments served

Ordered by
LESLIE NONNEMACHER

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084

PUBLIC SALE

REAL ESTATE & PERSONAL PROPERTY
SAT., JUNE 6, 1981
11 o'clock A.M.
Located on road from Wakefield to Peach Bottom at Cherry Hill, Fulton Twp., Lanc. Co., Pa.

Real Estate consists of all that certain tract of land containing 1600 sq. yards more or less with 71 ft. frontage erected there on 2½ story frame dwelling containing 6 rooms & 1½ baths, baseboard oil hot water heat, well water, blown insulation, electric and other conveniences. Real Estate may be inspected by appointment phone James A. Brown 717-548-2229. Real Estate will be offered for sale at 2 P.M.

Personal property consists of corner cupboard, ext. table, oak arm chair, 4 oak chairs, platform rocker, other rockers, over stuffed chair, 4 kitchen chairs, end tables, small tables, telephone stand, high chair, chiffer robe, 2 wardrobes, dresser, chest of drawers, single bed, mattress & boxspring, 2 clothes trees, basket cradle, blanket chest, 2 old trunks, mirrors, linens & bedding, lot of old books, picture frames, typewriter, China & glassware, punch bowl & cups, cooking utensils, Kenmore electric cleaner, Tappen electric range, Whirlpool no frost refrigerated freezer, Philco washer, Philco Dryer, toaster oven, electric appliances, kitchen cupboard, metal cabinets, kitchen table & 6 chairs, 3 sets of spring balance scales, rayo lamp, Christmas decorations, glass jars, 36 ft. ext. ladder, step ladder, vice, table saw, metal wheelbarrow, lawn chairs, misc tools, and many other articles.

1970 Ford LTD car.

SALE BY
JAMES A. BROWN & BETTY M. HILL
Executors of the
GYLES H. BROWN Estate
Sam Ferguson Musser, Att'y
Kersey A. Bradley, Auct.
Kirk & Eschbach Clerks
Lunch available

TOOL SALE

GREEN HILLS AUCTION
(on Route 568 South of Reading)
FRIDAY EVE. JUNE 5th
Starting at 6:00 PM

Rockwell 6" deluxe Jointer w/stand and motor - Rockwell 14" wood cutting band saw w/stand & motor - Rockwell 9" tilting arbor circular saw w/stand & motor - Rockwell bench model radial drill press w/stand motor & accessories - Shopsmith Mark VII and accessories - Atlas variable speed wood turning lathe 6" swing 36" between centers on stand w/motor - Porter cable 7/8 H.P. Router w/dovetail templets - Delta Rockwell shaper 1/2" spindle on stand w/motor - Delta Rockwell jig saw on stand - Porter cable model 165 belt sander - Black and Decker 1/4" Elec. drill - Sabre saw - Atlas drill press - Atlas table saw - Atlas 6" jointer - Craftsmans belt sander - Finish sander - Chain Saw - 3/8" Var. Spd. Drill - 7-1/2" Circular saw - Router - 7" w/1HP Grinder - Small air compressor - Air hose - Assorted carving rifflers & rasps - 13 Austrian professional wood carving tools - 15 Buck Brothers wood carving tools - Sharpening stones for wood carving tools - 24" Mitre box w/saw - 24" Ulmia Mitre Box w/saw - Marples wood turning tools (set of 8) - Stanley 26" Transitional wood plane #32 - Assorted Buck Brothers wood chisels - Stanley No 5 wood plane - Stanley No 110 Block plane - Stanley No 70 Box Scraper - Stanley No 78 Rabbet plane - Stanlet No 151 Spoke Shave - Stanley No 80M Scraper - Stanley Squares - 12 Assorted wood molding planes - Bench Vise - Assorted router bits and Numerous small tools

Approximately 90% of all tools listed are from one local estate, All tools in top shape new quality. There are no minimum prices on any tool, all to be sold without reserve.

NOTE - General public sales are held every Tuesday starting at 10:00 AM. Tools are often included in these sales. We also have sales on Thursday Eves. starting at 5:00 PM When Merchandise is available. Please call to inquire on Thursday sales.

LUNCH COUNTER ON PREMISES
Phone (215) 856-5000 or (215) 678-3003

Green Hills Auction
R.D. 1 Box 380
Mohnton, Pa. 19540

FARMERS:

Taking Abner King's Place to buy hay at Green Dragon Auction.
Call me at Green Dragon Auction between 10:30 - 12:00
717-733-2334
or answering service 717-354-4374 anytime of the week.
Place address and directions properly, kind of hay and price. We will try and buy the best for your money.

LEVI S. STOLTZFUS
Box 51 Ronks, PA 17572

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment
12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

DAVID H. GOOD & SONS
RD 1 Leola, PA 17540
717-656-9558

June is dairy month

MEL KOLB, INC.

June is dairy month

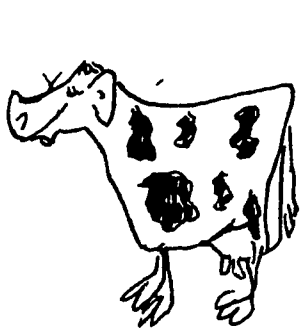
PRESENTS OUR

SPECIAL JUNE DAIRY MONTH SALE

THURSDAY JUNE 4th, 1981 at 7:30 PM

KOLB's KOW KOUNTRY KLASSIC

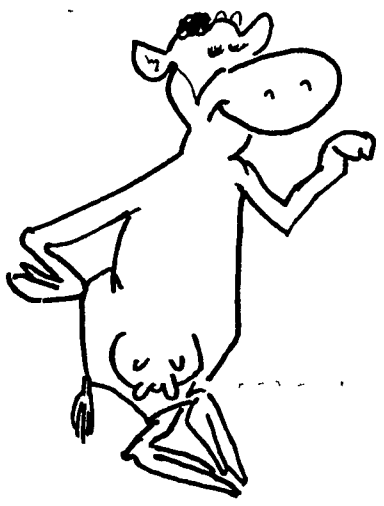
THE FIRST ANNUAL KOW BEAUTY PAGEANT Featuring. . . .



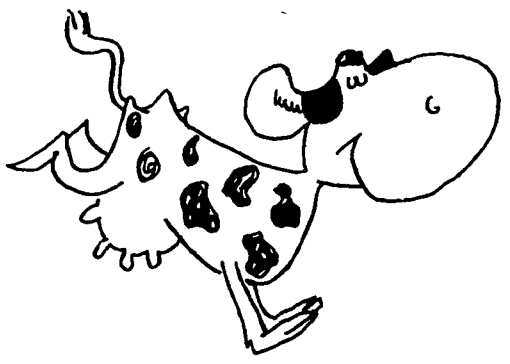
MS. OLLIE OPEN

CUTE & CUDDLY CALVES NAMED BUBBLES THE BULL & HILDA THE HEIFER

And Of Course... BERNIE THE BULL



MS. SALLY SPRINGER



MRS. FRIEDA FRESH

DAIRY PRODUCT DOOR PRIZES
Will Be Given Away To Registered Bidders

GRAND PRIZE: **A PURE BRED HEIFER CALF "HETTIE THE HEIFER"**
To Any Registered Buyer

To Promote 4-H Clubs in Lancaster County, we will auction off our first

KOLB KOW KOUNTRY KAKE

Proceeds donated to Lancaster County Jr. 4-H Holstein Club and Lancaster County 4-H Colored Breed Club

Sale to be held at the former Black & White Farm west of Lancaster on Dairy Road. Take Route 283 west of Lancaster, exit just beyond ABC Stud Barns at Flory's Mill Rd., turn left after exiting, go to mill, then sharp right under railroad bridge. Barn within sight of Route 283.

1ST HERD

30 Purebred cows with DHIA Records. Only the best hand picked of the top 66 cows. All home raised!
32 heifers from this herd; 10 bred, the rest are open.
This herd had AVERAGE TEST of 3.8% and up to 20,000 lbs. milk records.

Here is a sample of the Sires of this Herd: Harrisburg Gay Ideal, Simpsons Burkgov Snowman-Twin, Fultonway Transformer, Whittier Farms Apollo Rocket, Diamond-S Pietje Standout, Winterthur Hector Ivanhoe Va, Paclamar Net Profit, Indianhills Senator Flame, Collins Crest Majesty, Mil-Key Comet Sovereign.

Listed are sires from the daughters from this herd:

12 Harrisburg Gay Ideal, 3 Marvex-Twin, Ivanhoe Star, Simpsons Burkgov Snowman-Twin, Sweet Haven Loch. Boots, Le-Del Ideal Superior, Beecher I & E Electric, Marlu Titan, Diamond-S Pietje Standout, Cumva Proud Performer.

2ND HERD

39 of the best hand picked from a herd of 75 out of Bristol, Vermont.
10 Chapel Bank Apache daus.
2 Paclamar Milestone daus.
Gouveia Dunloggin Elite daus.
Ivanhoe Star

39 heifers from this herd are all out of Unit Bulls. This is really a fancy group of cows.

These two herds consist of many just fresh, close springers and several are bred to calve this Summer.

SPECIAL MENTION

Of 50 cows picked from some of the best herds in the East. A ROUND OAK RAG APPLE ELEVATION Dau., VG,86 at 3y, 305d 17,310m 4.3% 749f, her dam is Excellent, her grandam is GP; a PRIDE ASTRONAUT dau. in 305d 18,540 lbs. milk 676f; a AJRF BURKGOV KIT dau., 3 yrs. 305d 14,210m 4.1% 588f; a CROCKER GOLDEN REFLECTION dau., 5 yrs. 305d 23,190m 3.7% 865f; a TOP RAG APPLE MAC, he is a son of ROUND OAK RAG APPLE ELEVATION, 2-5 342d 19,460m 675f, dam is VG.

- ★ Dairymen, if you need good cows, fresh or springing or cows bred back to come fresh this summer or fall we have them.
- ★ Lots of big, fancy heifers, bred for June & July. 50 Purebred open heifers.
- ★ Alos 50 Big, fancy, good cows & heifers milking up to 100 lbs. of milk. We have a unique group of Purebreds and grades, come to this sale and increase your production and improve your herd.
- ★ Purebred Stock Bulls are to be sold. One bull is a MOLLY CHIEF son, about 18 mos., out of an ELEVATION dam with over 19,000m as 2 yr. old.

Free transportation for Lancaster Co Amish Call 569-2106 or 569-6800 Please Note June is "Dairy month" so look at our special ad in the Lancaster Farming Newspaper

Thank You,

MEL KOLB
2220 Dairy Road Lancaster, PA 17601
Ph: 717-569-2106 or 569-6800

Robert Mullendore - Auctioneer
Marvin Eshleman - Clerk
Henry Kettering - Pedigrees

Public Sales Register

Closing Date - Monday, 5:00 P M
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FRI JUNE 19 - 6 30 P M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc. Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners. Ray Long & Dave Imes Auctioneers

FRI. JUNE 19 - 1 P M Brooks End And Par-Kay Farm Sixtieth Annual Summer Sale At the Farm, Beavertown, Pa Owners Reno & Park Thomas & Mark Stehr. Auctioneer Mike Jones, LaGrange, GA.

FRI JUNE 19 - 7 P M - Real Estate Auction Located 2 miles soth of Lancaster, PA along the New Danville Pike Rt 324, formerly known as the Terre Hill Orchard Farm #1 Terms by Francis G and Claudia H Martin Carl Diller, Auctioneer

FRI JUNE 19 - 7 P M - Real Estate Auction Located 2 miles south of Lancaster, PA along the New Danville Pike Rt 324, formerly known as the Terre Hill Orchard Farm #1 Terms by Francis G and Claudia H Martin Carl Diller, Auctioneer

SAT JUNE 20 - 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JUNE 20 - Real Estate Sale near Mifflintown, PA For information contact First Nat. Bank, Trust Dept Mifflintown, PA 717-436-2144

SAT JUNE 20 - 10 00 A.M Public Sale of Real Estate, Antiques, Collectibles and Household Items Located ½ mile off Rt 225, 1½ mile west of the village of Urban, PA Goldie Wilkin Owner Dockey & Dockey Auctioneers.

SAT JUNE 20 - 9 30 A M Public Sale of Farm Equipment, Household Goods, Electric Supplies Located 179 E Church St, Reamstown, Pa. Charles L. Gehr Owner Nevin Z Martin and Lewis B Groff Auctioneers

SAT. JUNE 20 - 10 00 A M. Public Sale of Real Estate Antiques, Collectibles, and Household Goods Located ½ mile off Rt 225, 1½ miles west of the village of Urban, PA signs along Rt 225 day of sale. Goldie Wilkinson Owner. Dockey and Dockey Auctioneers

SAT JUNE 20 - 10 00 A.M Public Sale of Real Estate, Vehicles, Tools, Building Materials and Household Goods, Located on the corner f 4 Pines Rd and Friendly Dr, approx 10 miles south of Lancaster on Rt 272, go through the Buck intersection and turn left on 4 Pines Rd or approx 4 miles west of of Quarryville on Rt 372, turn left on Friendly Dr just before the Buck intersection David Minder, Wooden Peg Contracting Owner Gary L Shirk and Lloyd Kreider Auctioneers

MON JUNE 22, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED JUNE 24 - 7 P M Ephrata Union School District sale of 10 301 acres undeveloped land Held at the west end of Akron Borough fronting on Rothsville Rd., Akron, Lancaster Co, PA T Glenn and Timothy G Horst Auctioneers

THUR. JUNE 25 - 5 00 P M Public Sale of Antiques and Collectibles, Rugs, Household Goods Located on Rt 225 in the Borough of Berrysburg PA Gene R Boak Owner Dockey & Dockey Auctioneers

FRI. JUNE 26 - 5.30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JUNE 27 - 11 A M Consignment Horse Sale at Keister's Middleburg Auction Sales, Inc., Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT JUNE 27 - 9 00 A M Public Sale of Tinsmith Tools, Equipment, Tinware and Large Antique Collection. Located along Rt 322, 1 mile east of Intersection with Rt 23, Blue Ball, Lancaster Co, PA Sale for Maynard M Windle H H Leid Auction Service

SAT JUNE 27 - 9 00 A M Public Sale of Real Estate, Machinery, Truck, Misc Items Located in the city of Shamokin, PA at 22 south Pearl St 2 blocks east of Shamokin St Watch for signs Korbich Lumber Co, Inc Owner Dockey & Dockey Auctioneers

SAT. JUNE 27 - 1 00 P M Marlu Farm Sale - Cows and Heifers Held at 825 Newman Springs Rd, Lincroft, NY, Bus Transportation available, from East Town Mall, Rt 30, Lancaster, 717-768-3545

PUBLIC SALE
OF MOUNTAIN LAND
SATURDAY, JUNE 20
3:30 p.m.
Located in central Penna., Snyder Co.
Tract #1 - 10 A.
Trace #2 - 3 A.
Located along Shade Mt., water on both, easy access to state forest lands.
For brochures contact Aucts.
LONG BROS., AUCTS.
R.D.1
PORT ROYAL, PA 17082
717-527-4458

SALE
MARLU FARM
825 Newman Springs Road
(County 520)
Lincroft, NJ 07738
201-741-1920
Saturday, June 27, 1981
1:00 p.m.
55 Head - Half each cows and heifers.

BUS TRANSPORTATION
to
MARLU FARM SALE

LEAVING FROM EAST TOWNE MALL - RT 30
LANCASTER, PA.
BUS LEAVES: 8:00 A.M.
FEE: $2.00

SEND RESERVATION FEE OF $2.00 to:
DEADLINE JUNE 19, 1981

JERRY SKILES
R.D. 2
NARVON, PENNSYLVANIA 17555
PHONE 717-768-3545

NAME: _____

ADDRESS: _____

PHONE: _____ AMOUNT ENCLOSED _____

NO HERD IS GREATER THAN THE FOUNDATION UPON WHICH IT IS BUILT

MARLU FARM
LINCROFT, NJ 07738
MAURICE POLLAK Owner
Gerald R Hall
Herd Manager
Telephone Code 201 741 1920

PUBLIC SALE
FRIDAY EVENING, JUNE 5, 1981
6:00 P.M.

Located ½ mile north of Maytown, 4½ miles south of Elizabethtown, along Pa. Route 743. 3½ miles northwest of Route 30 from Columbia, use Route 441 exit. Lancaster Co., Pa.

REGISTERED SWINE & EQUIPMENT

All animals vaccinated for Erysipelas, Rhinitis and Lepto. Validated herd, Pseudorabies and Brucellosis free.

9 registered Landrace sows bred for registered litters; 1 registered Landrace gilt w/Hamp cross litter; 2 registered Landrace herd boars - Ajax and Dunderbo breeding; 2 registered Hampshire sows bred for registered litters; 1 registered Hampshire sow w/nice litter by Squire 4-1; 4 registered Yorkshire sows bred for registered litters; 6 registered Spot sows bred for registered litters; 1 registered Hampshire gilt bred to Squire 4-1; 2 registered Duroc sows bred to Hampshire; 6 York-Hamp sows bred to Landrace due soon; 15 - 7 month old boars - ready to breed - registred Hampshire, Landrace, Spot, and Yorkshire; 3 registered Hampshire gilts ready to breed soon; 20 registered boars 5 months and younger - Duroc, Hampshire, Landrace, and Spot; 10 registered gilts 5 months and younger - Duroc, Hampshire, Landrace, and Spot; 6 - 3 way cross gilts - York-Hamp-Duroc - littermates to reserve grand champion pen of feeder pigs at Southcentral Penna. feeder pig show; 50 weanling pigs - registered Landrace, Spot, and Yorkshire.

3 REGISTERED HAMPSHIRE HERD BOARS - MAYBE THREE OF THE BEST ANYWHERE.

SQUIRE 4-1 a son of ROUGHNECK 39-2 out of the EARL WILLIAMS HERD in HIGGINSVILLE, MISSOURI - ROUGHNECK 39-2 is the best boar to have ever served in the Hampshire breed - THIS BOAR NEEDS A GOOD SOW HERD TO WORK IN.

ROMEO 4-2 a son of ROMEO, and grandson of BAM out of the ERNEST HALL HERD in NORTH CAROLINA - this boar has exceptional depth of chest and exhibits perfect breed characteristics.

TANKER 7-1 a son of TANKER the $9,000 Lisbon Test Station graduate now serving in the Thorne Hill Farms Herd in Virginia. Real growthy boar with excellent underline - 8&8.

2 REGISTERED LANDRACE BRED GILTS OUT OF THE DAVID KORNS HERD.
STARBY BRED TO BIGFOOT DUE JUNE 2
BIGFOOT BRED TO ROOTS DUE JUNE 3
1 registered Yorkshire herd boar - Hustle

BUILDINGS AND EQUIPMENT

Agstar self-contained 24'x50' farrowing house w/pit, 16 farrowing crates, 8 nursery pens, and all equipment - to be removed. 18 foot x 40 foot Fickes Silo w/Silo-Matic unlaoder, fill pipe and distributer - to be removed. 18-28 foot ½ trusses - 5/12 pitch w/purlines, Onduline roofing, and steel siding - to be removed. 13 heavy steel gates - all sizes; steel partitioning and piping; flex auger and tubing; 2-24 hole Pax feeders w/built on bins - 3 ton capacity; 1 Smidley 12 hole feeder; 1 Smidley 4 hole feeder w/lod - new; Smidley farrowing hut; Simdley sow catch crate; 2 dairy barn fans; 3 fans; Trojan push waterers; Pride of the Farm pen float waterers; nipple waterers; Pride of the Farm nursery feeder; water pressure regulator; Auto-Medic II water medicator; plywood; Ilis pregnancy tester; Herdex calculator record system for sows; heat lamps; registration forms for Duroc, Hampshire, Landrace, Spot, and Yorkshire; medicators; 4 rubber cow mats; 1 5x7 woven wire; rubber feed tubs; 1973 Dodge ½ ton pickup w/cap - 318 three speed transmission; 1973 Chevrolet ¾ ton pickup w/ps, pb, ac - excellent shape; Allis Chalmers #390 nine foot haybine; Sears Roebuck jig saw; 2- 6:00x12 snow tires; Moritz 16 foot trailer w/4 foot livestock racks, brakes, and lights - 8000 pound tags - like new; 9 cords sawed firewood.

Sale at 6:00 P.M.

ROY & LEE BIXLER, Owners
717-426-1539
Diffenbach's, Aucts.
Refreshments Available

AUCTION SALE
COMPLETE LIQUIDATION
TRUCK TRACTORS, ALUM. DUMP TRAILERS, BULK FEED TRAILER, BEAN TRAILERS, SHOP EQUIPMENT & REAL ESTATE*
WEDNESDAY, JUNE 3
9:30 A.M.
ELMER, N.J. (WEST OF VINELAND)
EVERYTHING SELLS TO THE HIGHEST BIDDER

NOTICE: After 48 years of operation, Strang Transportation has decided to close its Elmer Terminal and is selling it out completely. Everything in this sale belongs to Strang Transportation.

LOCATION: The Sale will be held at Strange's Elmer, N.J. shop facility on Center St. in Elmer, N.J., just west of Vineland on Rt. 40.

20 TRUCK TRACTORS

78 IHC F2575 Conv. T/A Truck Tractor, Detroit 6V92T engine, RT9509, 8 spd. trans., wet line, A/C, P/S, very good; 77 White Road Boss 2 Conv. T/A Truck Tractor, Cummins 290 engine, RT9509, 8 spd. trans., wet line, alum. tanks, very good; (2) 75 White Road Boss Conv. T/A Truck Tractors, Detroit 8V71 engines, RT0915, 15 spd. trans., wet lines, velvet rides, good; 74 White Road Boss Conv. T/A Truck Tractor, Cummins 270 engine, Spicer SST-6, 6 spd. trans., wet line, good; 76 Brockway 761 Conv. T/A Truck Tractor, Detroit 8V71 engine, RT910, 10 spd. trans., wet line, very good; (2) 74 Brockway 761 Conv. T/A Truck Tractors, Detroit 671 engines, RT910, 10 spd. trans., (1 w/wet line); good; (2) 72 GMC 9500 Conv. T/A Truck Tractors, Detroit 671 engines, RT910, 10 spd. trans., wet lines, good; 71 GMC 9500 Conv. T/A Truck Tractor, Detroit 671 engine, RT910, 10 spd. trans., wet line, good; 70 GMC 9500 Conv. T/A Truck Tractor, Detroit 671 engine, RT910, 10 spd. trans., wet line, good; 69 GMC 9500 Conv. T/A Truck Tractor, Detroit 671 engine, RT910, 10 spd. trans., wet line, good; (2) 68 GMC 9500 Conv. T/A Truck Tractors, Detroit 671 engines, 5 & 3 trans., wet lines, good; 65 GMC DFW COE T/A Truck Tractor, Detroit 671 engine, Eaton 15 spd. trans., sleeper cab, P/S, fair; 67 IHC Tag Axle Truck Tractor, 6 cyl., 5 & 2 trans.; 63 IHC S/A Truck Tractor, V-8, 5 & 2 trans., 59 IHC S/A Truck Tractor, 6 cyl., 5 & 2 trans.; 51 GMC Military T/A Cab & Chassis, fair.

DUMP TRAILERS

77 White 28' T/A Alum. Dump Trailer, 5' sides, good; (2) 74 White 28' T/A Alum. Dump Trailers, 5' sides, good; 74 White 26' T/A Alum. Dump Trailer, 5' sides, good; 70 White 26' T/A Alum. Trailer, 5' sides, good; 65 Hill 28' T/A Alum. Dump Trailer, 5' sides; 63 White 26' Steel T/A Dump Trailer, 5' sides, good.

BEAN, BULK & OPEN TOP TRAILERS

73 White 40' Self Unloading (Bean) Trailer, 5½' wire sides, 20" wide belt, good; (2) 68 White 40' Self Unloading (Bean) Trailers, 5½' wire sides, 20" wide belts, good; 61 & 62 Transco 37' Self Unloading (Bean) Trailers, 5½' wire sides, 20" wide belts, good; 59 Sprout Waldron 28' Alum. Bulk Feed T/A Trailer, blower, belt, 4 cyl. gas, good; 66 Trailmobile 38' Open Top T/A Trailer, fair; 61 Fruehauf 40' Open Top T/A Trailer, fair.

SHOP EQUIPMENT & PARTS

Miller 300 amp Welder; Agway Space Heater; Brake Riviter; Plug Cleaner; Ajax Trans. Jack; SW Air Luber; ARO Air Luber; ¾ & ½ Air Impact Wrenches; Elec. Drills; Bench Grinder; Torch Set; Hyd. Jacks; Vise; Mechanics Tools; Detroit 671-used; Detroit 671 Head-Recon.; White, Brockway, IHC Truck & Trailer Parts.

REAL ESTATE*

TO BE SOLD SUBJECT TO THE OWNERS CONFIRMATION
TO BE SOLD APPROXIMATELY 1 P.M.

TRUCKING TERMINAL on 4.33 acres, in 3 tracts, frame bldg.-10,400 sq. ft., 288 sq. ft., office space, fuel storage.

TERMS: 10% Down Sale Day, Balance 120 Days.

EVERYTHING SELLS REGARDLESS OF PRICE.

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY. Write for descriptive brochure.

VILLSMEIER AUCTION CO., INC.
Route 309, Montgomeryville, Pa. 18936.
Telephone: (215) 699-5833

PUBLIC SALE

OF 38 ACRE FARM
SAT., JUNE 27th
@ 1 PM

Located 12 miles north of Lebanon. Take Rt. 72 north to Lichtdale, turn left, go 1 mile west to property. From exit 30 on Rt. 81, turn right and go west one mile, Union Twp., Lebanon Co., Pa.

HOUSE: 2½ story log; 1st floor - kitchen, living room, sewing room, lg. utility rm. and full bath. 2nd floor - 4 bedrms, attic insulated, partial basement, oil hot air heat, storm windows, tin roof - house needs some work.

BARN & OUTBUILDINGS: 42' X 82' frame bank barn, 4 feeding stables & corn crib, new barn yard fence; 30' X 120' cement block bldg, set up for started calves, could be used for other purposes, 5 ton metal feed bin; 16' X 30' block & frame storage bldg; New 40' x 70' calf barn, 1 yr. old, fully insulated w/auto. ventilation, manure pit, 104 crate capacity for veal or started calves. Buildings all have tin roofs.

WATER SUPPLY: 2 wells & pressure system.

LAND: 38 acres total, nearly all tillable, soil in high state of cultivation, terrain level.

COMMENTS: Outbuildings are in good condition, farm has a very nice setting off the main rd., lots of old shade trees, all crops in field @ time of settlement are included in this sale.

TERMS: 10% down day of sale, settlement by Aug. 27. For inspection call: HORNING FARM AGENCY, INC. 215-286-5183.

Terms By:
JOHN B. & KATHRYN E. LANDIS
717-865-4329
Thomas P. Harlan, Esq.
Elton & Alvin Horning Auctioneers
HORNING FARM AGENCY, INC.
Main Street
Morgantown, Pa.
215-286-5183

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

MON JUNE 29, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

JULY

THURS JULY 2 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SAT JULY 4 - 10 00 A M Public Sale of Real Estate, Household Goods, Antiques, Tools, Tractors, Car, Etc. Located 4½ miles W of Berwick, PA, 1½ miles off Rt 93 along Yost Hollow Estate of Willis H Hess Max Fraley & Son Auctioneers

MON JULY 6 - 2 P M. Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JULY 11 - 10 A M Benefit Sale for Haneyville Fire Co Located at the Haneyville Fire House North of Lock Haven, Pa along Rt 664 Auctioneers Ira Stoltzfus & Son & Jay Leary

THURS JULY 16 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI JULY 17 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JULY 17 - 6 30 P.M Consignment Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT JULY 18 - 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON JULY 20 - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JULY 25 - 11 A.M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT JULY 25 - 1st Annual Benefit Auction by the Hinkletown Mennonite School Quality donated items Located just off Rt. 322 along Wanner Road. Leon Z Martin, Manager

FRI JULY 31 - 5 30 P M Gap Auction. Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son, Auctioneers

AUGUST

SAT AUG 1 - 1 00 P M Reg and Grade Holstein Bred Heifer Sale, splendid grade, mostly due Aug and Sept Off Rt 54 and 44 near Turbotville, PA, Northumberland Co Lewis and Ruth Brown, Owners Carl and John Diller, Auctioneers

MON AUGUST 3 - 2 P M. Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS AUG 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON AUGUST 10 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT. AUG. 15 - 6 30 P.M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT AUG 15 - Little Kutztown Fire Co Consignment Sale. 2 miles north of Myerstown, Lebanon Co Local Auctioneers

MON AUGUST 17 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS AUG. 20 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md. 21798. Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI. AUG 21 - 6:30 P M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

MON. AUGUST 24 - 2 P M Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner

SAT AUG 29 - 11 A.M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc. Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray & Dave Imes Auctioneers

MON AUGUST 31 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

JUNIATA CO.
GUARDIAN SALE

OF REAL ESTATE AND ANTIQUES
SATURDAY, JUNE 20, 1981

Near Mifflintown.

TRACT 2 - 33 ac., dwelling, barn, stream, great potential for subdivision.

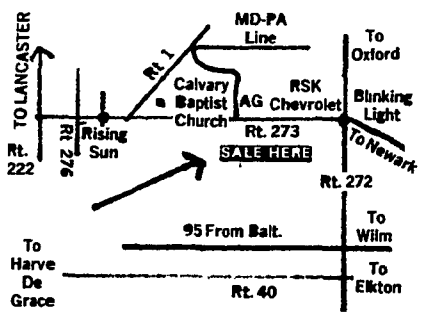
LOTS 1 & 2 - 5 ac. & 2 ac., sewage tested.

TRACT 3 - 29 ac., 20 tillable, dwelling, barn, stream.

ALSO Selling Early American, "untouched" antique furniture & collector's items.

For Info, contact
TRUST DEPT
First Nat. Bank
Mifflintown, Pa. 17059
Ph. 717-436-2144

ANNUAL
SUMMER AUCTION



OF USED & NEW FARM EQUIPMENT & LAWN & GARDEN EQUIPMENT

THURSDAY, JUNE 4, 10:00 A.M.

TRACTORS
I.H. 300 G
I.H. 400G
AC 190D SOLD
AC 5040 w/Loader
MF 165D
JD 1010 Crawler/Loader
AC 5040 40HP NEW
FORD 8N w/Loader
FORD 861G
AC 715 Backhoe
IH 484D
IH 464G
Ford 4000 SU Gas
IH 284G

MANURE SPREADERS
NH 365 Tank
NH 368 Tank
NH 362 Tank
NH 213 Box (NEW)
NH 519 Box (NEW)
NH 679 Box (NEW)
NH 368 Tank (NEW)
NI 213 (NEW)
NI 214 (NEW)
NI 243 (NEW)
NI 224

LAWN & GARDEN
AC 616
IH 71
SIMPLICITY 4141
KUBOTA B6000 Diesel w/Mower

TILLAGE
10 ft JD Disc Transport
BRILLION Transp Harrow

SKID STEER LOADERS
NH G L-775
NH G L-425
CASE 1530B

HAYBINES & MOWER COND.
NH 1469 Ford Eng.
NH 1495 12 ft. S.P.
NH 495 12 ft. P.T.
NH 479 9 ft. P.T.
JD 15A Flail Chopper
MC 9 ft. Rotary Scythe
NH 488 Haybine (NEW)
NH 489 Haybine (NEW)
NI 279 9 ft. Cutditioner

BALERS
NH 320 w/thrower
NH 273 w/thrower
NH 282 w/thrower
NH 269 wo/thrower
NH 268 w/thrower
NH 270 w/thrower
NH 1012 Bale Wagon

FORAGE HARVESTERS
NH 1880D SP Hydro w/NEW Cat. Eng.
JD 3800 2RW & WPU
NH 892 w/Metal Detector (NEW)

CORN PLANTERS
FORD 2R 3 Point
JD 4R NO TIL
JD 4R Conv.
IH 4R 400 Cyclo
WHITE 6R No Til Air
AC No Til

RAKES
NI Wheel
Vicon Wheel
(2) NH 256 (NEW)
PEQUEA Tedders 8 & 12 FT NEW
BRILLION 6 FT

MOWERS
C114 Woods (NEW)
208 Woods (NEW)
C80 Woods (NEW)
NH 450 Mower
Bush Hog
Woods Bat Swing
(2) Woods C14
Woods RM 306
IH 31 Disc Mower 5'

COMBINES
NH 995D w/cab
AC GKS D w/cab
MF 410G w/cab

GRINDER MIXERS
JD 750
GEHL 95
NH 353 NEW

MISCELLANEOUS
NH Trencher T330
(2) NI Forage Wagon
NH Unload Wagon
(2) 3 PT Blades
(2) H&H Bale Wagon w/18 ft. Pipe (NEW)
BADGER 16' Tandem Forage Wagon
Eager Beaver 6 ton trailer

ITEMS SUBJECT TO CHANGE DUE TO DAILY SALES

AUCTION BY
AG-INDUSTRIAL EQUIPMENT CO., INC.
1207 Telegraph Rd (Route 273)
Rising Sun MD
301 658 5568 301 398 6132 215 869 3542
AUCTIONEER BLAINE RENTZEL FOOD AVAILABLE

FORKLIFT & DOCK AVAILABLE FOR LOADING. SALE ITEMS MUST BE MOVED WITHIN 15 DAYS FROM DATE OF SALE

BROOKS END AND PAR-KAY FARM

SIXTIETH ANNUAL SUMMER SALE

FRIDAY, JUNE 19
1:00 P.M.
At the Farm • Beavertown, Pa.

IRISH BOARS and GILTS of this great Dam will sell. Greenback 3044, one of our foundation Irish Yorkshire Sows.

260 head of SCOTCH & IRISH and other foreign bloodlines
• New Bloodlines on Each Sale
YORKSHIRE — LANDRACE

Born and raised on our farms from our parent imported stock.

100 ☆ BRED GILTS - most of which carry **Scotch or Foreign Blood Litters.**
50 ☆ YORKSHIRE - Many carry Scotch litters.
50 ☆ LANDRACE - All carry Scotch or Foreign Blood Litters.
50 ☆ BOARS
30 ☆ YORKSHIRE - New Scotch Bloodlines as well as Irish and American Bloodlines.
20 ☆ LANDRACE - All 100% SCOTCH, IRISH or other foreign blood.
100 ☆ Commercial Open Gilts - Mostly Irish & Scotch blood. Scan-O-Probe Loin Eye & Back fat figures. Production tested - Certified Meat Proven & Show Ring Champion Stocks.

CERTIFIED BRUCELOSIS FREE & PSEUDORABIES FREE.
Health Charts Sale Day For Entry Into Any State.

1980 SETS NEW RECORDS
NEW FIRST PLACE
TEST STATION WINNERS

Our breeding wins at both Penna. and Delaware Test Stations. Richard Miller, York County was the Penna. winner with 4 boars sired by Alpine.

Leon Arnold, Lebanon County, was the Delaware Station winner. His boars were sired by Explorer. Each of these sires were purchased from Brooks End Farm. Feed conversion on the Alpine pigs was 2.4 Feed conversion on the Explorer pigs was 2.2. A perfect example of how it works for others when they buy tested stock from us.

Our Latest Big Winner - 1981 PA Farm Show Reserved Landrace Bred Gilt

Owners:
RENO & PARK THOMAS & MARK STEHR

RENO	PARK	MARK
717-658-5821	717-658-6544	717-658-7007
717-658-7304	717-658-6702	

Catalogs Available
Mike Jones, La Grange, GA, Auctioneer

PUBLIC AUCTION ADVANCE NOTICE
COMPLETE LIQUIDATION
Of Courtesy Ford Auto & Truck Service Equipment Truck Repair Dept approx 400 sections Of Various Shelving Desks Chairs Office Machines etc
Call Or Write For A Detailed Brochure
Rudnick & Matas,
Auctioneers
P O Box 1007
Wilm , De 19899
(302) 658 7264

Public Sales Register

Closing Date - Monday, 5 00 P M
of each week's publication

SEPTEMBER

THURS SEPT 3 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON SEPT 7 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11 Danville, PA Melvin M Lehman, owner

MON SEPT 14 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS SEPT 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer.

SAT SEPT 19 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON SEPT 21 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON SEPT 28 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

OCTOBER

THURS OCT 1 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SATURDAY, OCTOBER 3, 1981 Wesson Charolais Production Sale at the ranch at Koshkonong, Missouri Salemanaged by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

MON OCT 5 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON OCT 12 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS OCT 15 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT OCT 17 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M. Lehman, owner

PUBLIC SALE

VALUABLE 64 ACRE FARM, SIX - 1 ACRE PLUS APPROVED BUILDING LOTS, FARM EQUIPMENT, HOUSEHOLD GOODS, TOOLS, ANTIQUES, PONY, HORSE AND PONY SADDLES, AND FOUR-WHEEL PONY BUCK BOARD

SATURDAY, JUNE 6

AT 10:00 A.M.

Located approx. 1 mile north of Orwigsburg, at the Orwigsburg Post Office on Lincoln Avenue, travel north to the East Second Mountain Road, North Manheim Twp., Schuylkill County, Pa.

LOOK FOR AUCTION SIGN ON PROPERTY.
LOOK FOR SALE SIGNS

FARM consists of Tract No. 1 approx. 64 acres, approx. 30 acres tillable, balance in pasture and woodland, large 2½ story aluminum sided frame house, 1st floor consists of large modern kitchen, bedroom with full bath and shower, newly-attached large living room and 2-car garage, 2nd floor has 3 bedrooms, all carpeted and paneled, large closets, full bath, full attic, full basement with large paneled recreation room with built-in fireplace, 18' wet bar, full bath and carpeting, Wagner coal stoker, baseboard h.w.h., spring water, storm windows and doors thruout, large frame bank barn with ground potato cellar; heated first floor kennel room, large Gabriel type roof farm building, butcher building with butcher hoist stoves and kettles, spring house with running spring water.

Tract No. 2 consists of 6-1 acre plus approved buildings lots. These acre plus lots will be offered in individual lots.

Note — Tract No. 1 and Tract No. 2 will be offered individually and also has a unit.

FARM EQUIPMENT — John Deere Model G tractor, with tricycle front end hydraulic power troll front end good rubber with front mounted cylinder lift snow blade, 2 row mounted cultivator for J.D. G tractor, J.D. Model B tractor tricycle front end good rubber, 2 row cultivator for J.D. B tractor, Int. Model 240 tractor with tricycle front end 3 pt. hitch good rubber, J.D. disc grain drill (like new), 2 row 3 pt. J.D. corn planter (like new), 3 pt. post hole digger (like new), J.D. 3 pt. 2 bottom plow, 3 pt. disc, J.D. No. 5 7 ft. grass machine, Ford 3 pt. 2 row cultivator, New Holland Super 66 pto baler with gas engine bale thrower, 3 pt. rear mounted scraper blade, Century 110 gallon trailer type boom weed sprayer, 2 bottom 14 inch trailer plow, ground drive potato digger, four wheel pony buck board (like new), Hammer mill, set of 12-38 tire chains 3 pt. hookup for Int. tractor, asst. garden tools, Power Lite chain saw, Home Lite chain saw, David Bradley chain saw, shop vac, work bench, frame, six 2 h.p. motors, clover seeder, bench vise, electric bench grinder, fire extinguishers, New Holland wire baler, two wheel garden tractor with sickle bar and row maker, riding cultivator, hand potato plow, cutters sleigh, bobsled, chicken nests, brooder stoves, cement mixer with electric motor, platform scale, corn sheller, asst. lumber, asst. tires, stone forks, rubber tire wheelbarrow, grind stone, fence stretcher, wood and aluminum extension ladders, cast iron bathtub, concrete pipe, metal awnings, approx. 30 bales of straw, fluorescent lights, reflued boiler, automatic dog feeders, dog boxes, horse and pony saddles, horse parade saddle, double pony harness, stepladder, 7-year-old gelding pony broke to ride, saddle benches, dog pens with boxes, gas driven double drum hoist on trailer, bridles, harrows, snow blade with extra heavy rigging, gas driven hoist, manure spreader, pipe threading set, 250 gal. gas tank, Bush Hog rotary mower, 1954 Ford dump truck F600 with two extra motors.

HOUSEHOLD AND ANTIQUES — 9 pc. drexel dining room suite, Admiral home entertainment center with TV and stereo, 3 pc. sectional living room suite, living room convertible sofa set, table lamps, cornered end table, large floor model fan, stereo cabinet, stereo cabinet stand, floor extension reading lamp, new maple sewing machine cabinet, small chest of drawers, 1 10 and 1 30 gallon aquariums, typewriters, pictures, exerciser, Sylvania model TV, plank seat and bend wood chairs, apple peeler, cow bells, bar stools, handmade wooden ships, gas stoves, large round wooden jacuzzi wood tub, sewing supplies, adding machine, stencil machine, lead & cut crystal, victrola, modern oak bedroom suite. Many other items too numerous to mention.

Terms — Real Estate — 10% down day of sale, cash or certified check w/owner financing to qualified buyer. Other terms to be made known day of sale.

Personal Property - Cash or Acceptable check, No Out-of-State Checks Accepted.

Inspection to see Real Estate call 717-366-2790 or 717-622-8044. Real Estate will be offered for sale at 1:00 p.m. Not Responsible In Case Of Accidents

Sale Ordered By:
MARY ALLISON

Auctioneer: Robert A. Arner
Route 2, Box 216,
New Ringgold, Pa. 17960
Phone 717-386-4586

REFRESHMENTS

GAP AUCTION

FRIDAY EVE., JUNE 5

5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M. OTHER DAYS BY APPOINTMENT

Call us for pick up service

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC SALE

FRIDAY, JUNE 5, 1981

11:00 A.M.

Real Estate, 12:30 P.M.

In Cumberland Co., 4 miles northwest of Carlisle. Watch for sale signs along Rt. 74 near the creek bridge. (The sale is close to Possum Lake).

REAL ESTATE

All that certain plot of ground suitated in Lower Frankford Twp., Cumberland Co., containing 1.33 acres, more or less. having thereon erected a 2½ story, 8 room frame house with full bath, oil forced hot-air heat, cement basement, nice kitchen & drilled well. Also a block building 32'x46' commercial butcher house; a block building 24'x38' double car garage, work area, and horse barn. Several other out buildings.

NOTE - This property is set up for custom butchering!

Terms - 10% when property is stricken down, balance 30 days from sale date. Note to see the property Ph. 717-243-0116

BUTCHER EQUIPMENT

Two butcher furnaces and kettles, one large kettle; meat slicer; band saw; meat cuber; scales; 2 hp. grinder; benches; trackhooks; meat treas; scraple pans; knives; wraping machine; elec. knife grinder; compressor unit for walk in cooler; block & foll; water heater; and other butcher equipment.

GUNS

New England Arms Co. 22 rifle; H&R 16 ga. shot gun; World Chalanger 12 ga. single bbl. w/chrome bore; H&R 12 ga. w/32 in. bbl; J.C. Higgens 22 rifle; 12 ga. single bbl w/celler door.

FARM MACHINERY

Farmall H tractor w/hyd., like new rubber and in good shape; two bottom trail plow; 2-18 tooth perry harrows; B.F. Avery tractor w/accessories; steel wheels for H tractor; garden tractor w/accessories; wagon load of small items.

MISCELLANEOUS ITEMS

Carpenter tools; new lumber; used lumber; ladders; shingles; windows; doors; scrap iron; 4 ft. x 8 ft. pool table; new 275 gal. oil tank; 18 ft. flag pole; tires, rims; step bumper; electrical appliances; copper wire; and other building supplies.

HOUSEHOLD ITEMS

Upright piano; chairs; end tables; beds; knee hole desk; sink tops; other items

PONY SUPPLIES AND ANTIQUES

3 pony sulkies; pony harness; hobbles; saddles; bridles; Claw foot bath tub; cutting box; old Ford wheels; singles trees; and other items.

JAMES F. MILLER
RONALD L. HOOVER

Dean Shull - Auct.

Lunch Stand Reserved

LEE D DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
R 164 P Illow Pa 17080
Pho e 758 6004

PUBLIC SALE

SATURDAY, JUNE 6

9:00 A.M.

Located on Route 209, between Millersburg and Elizabethville, Pennsylvania, near the village of Rife. Watch for sale signs day of sale.

REAL ESTATE

1½-Story Frame House with 4 Rooms and Bath, Heated by Oil Furnace Steam Heat. Situate on lot having 250' frontage along Route 209. For additional information or inspection of real estate phone 362-8650 after 4:00 P.M. Real Estate to be offered at 1:00 P.M.

TERMS: 10% Down. Further terms and conditions to be given the day of sale.

MR. & MRS. RALPH L. COOPER
OWNERS
ESTATE OF EDWIN J. FRANK

ANTIQUES & COLLECTIBLES

3-pc. Ornate Oak Bedroom Suite with High Bed; Oak Sideboard with Claw Feet; Seller's Oak Kitchen Cabinet with Stained Glass Top Doors; Low Dry Sink; Flour Chest; (6) Pressed Back chairs; Extension table; Plank Bottom Porch Rocker with Arms & Original Grained Paint; Square Oak Extension Table with Lg. Legs; Floor Model "Master Tone" Record Player; Square Oak Table with Marble and Iron Feet; Assortment of Rockers and Stands; Oak & Gold Leaf Wall Mirror; Wicker Rocker; (2) Round Top Trunks; Flat Top Trunk; Lg. Porch Bench; N.R. Davis Double Barrel 12 Ga. Shotgun; Hamilton #27 .22 Rifle; Assortment of Picture Frames; Copper Apple Butter Kettle; Coca Cola Adv. Sign Pat. Date 1923; Iron Gypsy Kettle; Assortment of Crocks & Jugs, 1 with Blue Flower; Assortment of Baskets; Coffee Grinder; Potty Chair; Oak Case Singer Sewing Machine; "Sentinel" Table Model Radio; Meat Bench; Assortment of Iron Butcher Ladles and Forks; "Gem Irving" Kitchen Coal Stove (as is); Wooden Work Bench; Wooden Water Pump with Wooden Pipe; Wagon Seat; Bracket Light with Reflector; Loose Sleigh Bells; Assortment of Indian Head Pennies; 1889-0 and 1899-0 Silver Dollars; Assortment of Pocket Watches; Doll with Kid Body; Postcard Album; Pottery Turk's Head; Pewter Tea Pot Marked Townspnd; (2) Milk Glass Decorated Easter Eggs; "Illustrated Catalog of Machinery & Supplies of Coke & Co." Dated 1883; Assortment of Pressed, Pattern and Depression Glass; Etc.

1951 CHEVROLET ¾-TON PICK-UP TRUCK
RUPP SNOW SPORT MODEL 440WT SNOWMOBILE
FARM MACHINERY & TOOLS

Farmall H Tractor with Cultivator; "Farmer's Favorite" Grain Drill; McCormick Deering Corn Planter; Spring Tooth and Spike Tooth Harrows; Massey Harris Model 82SP Combine; Side Delivery and Dump Hay Rakes; 30' Grain Elevator; Corn Sheller; Letz Corn Cracker; New Holland Super 66 Baler; Horse Drawn Potato Plow; Walking Plow; Oliver Grass Mower; Disk; New Idea 1-row Corn Picker; 2-Bottom Plow; Grain Windmill; Assortment of Single & Double Trees; New Idea Manure Spreader; Cobey Rubber Tire Farm Wagon with 2 Wooden Beds; John Deere 4-14" Trip Bottom Trail Plow; Craftsman Model 103 Shaper; Wooden Turning Lathe; Craftsman 6" Jointer; Bench Grinder; Stanley 8" Circle Saw; 18" Remington Power Saw; Lg. Assortment of Hand Woodworking Tools; Buck Saw; Junk Pile; Wheelbarrows; Hog Scalding Trough; Assortment of Meat Hooks; Enterprise Grinder and Sausage Stuffer; Lawn Mowers; Cast Iron Radiators; Cub Cadet 86 with Mower; Assortment of Grain - Wheat, Oats, Barley; Misc. Items Too Numerous To List.

HOUSEHOLD ITEMS

Frigidaire Chest-Type Freezer; Frigidaire Refrigerator; "New Perfection" Kerosene Stove; "Columbian" Combination Coal-Electric Stove; (2) Room Coal Heatrolas; H&R .22 Special Revolver; Ithaca Model 37 20 Gal. Shotgun; Misc. Dishes, Pots, Pans; Etc.

SALE WILL BEGIN WITH WOODWORKING TOOLS AND BARN-RELATED ITEMS.

TERMS: CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER.

EDWIN J. FRANK ESTATE
Gladys M. Cooper, Executrix
Earl Richard Etzweiler, Attorney
Dockey & Dockey, Auctioneers
Deppen, Apprentice

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
Ph: 717-786-3016

Public Sales Register

Closing Date - Monday, 5:00 P M.
of each week's publication

MON OCT 19 - 2 P M. Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON OCT. 26 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

NOVEMBER

MON NOV 2 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI NOV 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

NOTICE
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

MON NOV 9 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 16 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS NOV 19 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd., Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT. NOV 21 - 6.30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M. Lehman, owner

MON NOV 23 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 30 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

DECEMBER

FRI. DEC. 4 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON DEC 7 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

MON DEC 14 - 2 P M Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M Lehman, owner

THURS DEC 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd., Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT DEC. 19 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 21 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 28 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P M.
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

SPECIAL JUNE DAIRY MONTH SALE!

THURSDAY, JUNE 4
7:30 P.M.

SELLING 200 HEAD
2 Purebred Herd Dispersals

DOOR PRIZES!

GRAND DOOR PRIZE
P.B. Heifer Calf

COMPLIMENTARY LUNCH

MEL K LB, INC.

Location: At the former Black & White Farm west of Lancaster on Dairy Road. Take Route 283 west of Lancaster, exit just beyond ABC Stud Barns at Flory's Mill Rd., turn left after exiting, go to mill, then sharp right under railroad bridge. Barn within sight of Route 283.

1ST HERD: 30 Purebred cows with DHIA Records. Only the best hand picked of the top 66 cows. All home raised! 32 heifers from this herd; 10 bred, the rest are open. This herd has AVERAGE TEST of 3 8% and up to 20,000 lbs. milk records.

Here is a sample of the Sires of this Herd:

Harrisburg Gay Ideal, Simpsons Burkgov Snowman-Twin, Fultonway Transformer, Whittier Farms Apollo Rocket, Diamond-S Pietje Standout, Winterthur Hector Ivanhoe Va, Paclamar Net Profit, Indianhills Senator Flame, Collins Crest Majesty, Mil-Key Comet Sovereign.

Listed are sires from the daughters from this herd:

12 Harrisburg Gay Ideal, 3 Marvex-Twin, Ivanhoe Star, Simpsons Burkgov Snowman-Twin, Sweet Haven Loch. Boots, Le-Del Ideal Superior, Beecher I & E Electric, Marlu Titan, Diamond-S Pietje Standout, Cumva Proud Performer.

2ND HERD: 39 of the best hand picked from a herd of 75 out of Bristol, Vermont. 10 Chapel Bank Apache daus., 2 Paclamar Milestone daus., Gouveia Dunloggin Elite daus., Ivanhoe Star, 39 heifers from this herd are all out of Unit Bulls. This is really a fancy group of cows. These two herds consist of many just fresh, close springers and several are bred to calve this Summer.

SPECIAL MENTION:

Of 50 cows picked from some of the best herds in the East. A ROUND OAK RAG APPLE ELEVATION dau., VG, 86 at 3y, 305d, 17,310m 4.3% 749f, her dam is Excellent, her granddam is GP; a PRIDE ASTRONAUT dau. in 305d 18,540 lbs. milk 676f; a AJRF BURKGOV KIT dau., 3 yrs. 305d 14,210m 4.1% 588f; a CROCKER GOLDEN REFLECTION dau., 5 yrs. 305d 23,190m 3.7% 865f; a TOP RAG APPLE MAC, he is a son of ROUND RAG OAK RAG APPLE ELEVATION, 2-5 342d 19,460m 675f, dam is VG.

Dairymen, if you need good cows, fresh or springing or cows bred back to come fresh this summer or fall we have them.

Lots of big, fancy heifers, bred for June & July. 50 Purebred open heifers. Also 50 Big, fancy, good cows & heifers milking up to 100 lbs. of milk.

We have a unique group of Purebrerds and grades, come to this sale and increase your production and improve your herd. Purebred Stock Bulls are to be sold. One bull is a MOLLY CHIEF son, about 18 mos., out of an ELEVATION dam with over 19,000m as 2 yr. old.

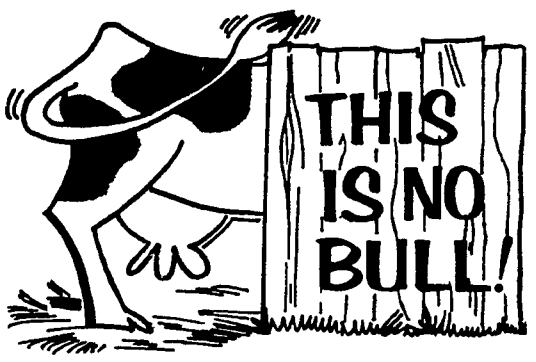
Free transportation for Lancaster Co. Amish. Call 569-2106 or 569-6800.

Please note: June is "Dairy Month" so look at our special ad in the Lancaster Farming Newspaper.

Thank You,
MEL KOLB

2220 Dairy Road Lancaster, PA 17601
Ph: 717-569-2106 or 569-6800
Robert Mullendore-Auctioneer
Marvin Eshleman-Clerk
Henry Kettering-Pedigrees

SPECIAL NOTICE



This is an exceptionally good herd of 62 Grade Holsteins with a few well uddered purebreds mixed in. They have been home raised and bred by artificial sires. The DHIA records show over 14,700 lbs. of milk and a herd test of 3.8 to 4.1. You may select 50 out of 62.

If you're in the market for quality plus production, call

MEL K LB, INC.
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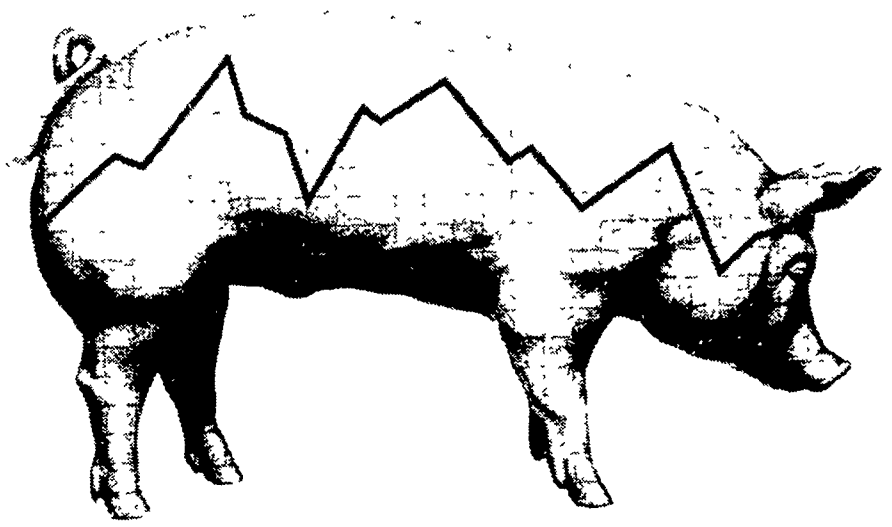
THE MARKET



1981 PURINA SWINE MANAGEMENT CONFERENCE

Kleen Leen Boar On Display At Each Meeting
To Be Given Away As A Door Prize.

LOCATIONS:

TUESDAY, JUNE 16
Lancaster Area

WEDNESDAY, JUNE 17
Lewisburg Area

MEETING TIME - 10:00 A.M. to 3:30 P.M. Both Days **LUNCH - BUFFET STYLE**

— FEATURED SPEAKERS —

DR. WES SNYDER
Manager of Applied Nutrition Swine Research Department
Ralston Purina Company

BOB ZOLLINGER
Kleen Leen Division Manager

TOM PAINTER
Kleen Leen Division Manager

— AGENDA —

- APPLIED NUTRITION FOR THE SOW HERD
  Gilt Development Through the Lactation Period
- BIRTH TO 50 LBS.
- APPLIED NUTRITION OF GROWING FINISHING HOGS
- HOW TO BUILD A SUCCESSFUL BREEDING PROGRAM
- HERD HEALTH SYSTEMS
  Developing a Preventative Health Program
- QUESTIONS AND ANSWERS

MEETINGS COURTESY OF

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RD3, EPHRATA, PA 17522

UMBERGER'S MILL
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